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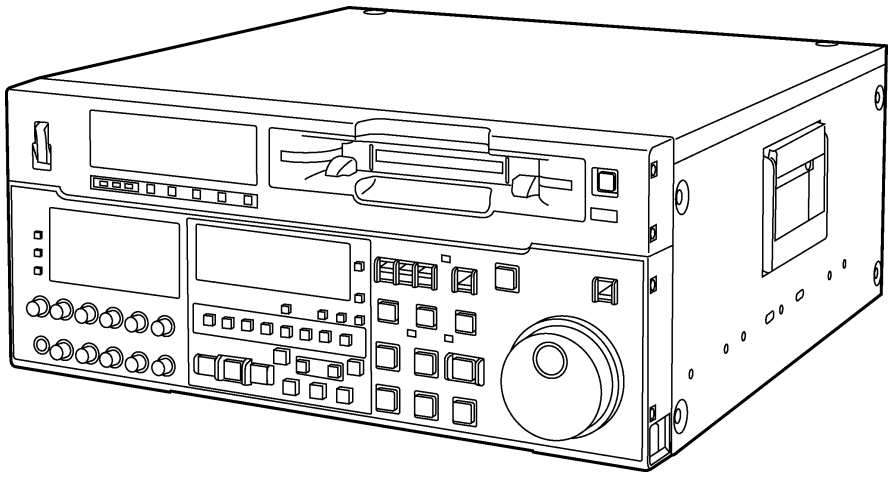
Service Manual

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Sec. 5 *Block Diagrams*
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DVCPRO HD

Digital HD Video Cassette Recorder

AJ-HD1500P



Panasonic®

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

AJ- HD1500P

Specifications

GENERAL

Power supply:	AC 120 V, 50 – 60 Hz
Power consumption:	230 W

Operating ambient temperature:	41°F to 104°F (5°C to 40°C)
Operating ambient humidity:	10% to 80% (no condensation)
Weight:	44 lbs (20 kg)
Dimensions (W × H × D):	16-3/4 (max. 17-3/16) × 6-15/16 × 17-11/16 inches (Not including the support legs, connectors, JOG dial and fan)
Recording format:	DVCPROHD-LP
Recording video signal:	1080i/59.94 Hz, 720p/59.94 Hz selectable
Recording audio signal:	48 kHz, 16 bits, 8 channels
Recording tracks:	Digital video/audio: helical track The time code is recorded in the sub-code area. Cue track: 1 track Control track: 1 track
Tape speed:	67.64 mm/sec
Tape:	Metal tape
Recording time:	92 minutes (using the L cassette)
FF/REW time:	Approx. 1 min (with the L cassette)
Search speed:	±100× speed (color)
Digital slow:	–1× to +2 × speed (when playing back DVCPRO-LP recorded tapes) –1× to +1.1 × speed (when playing back tapes other than DVCPRO-LP recorded)
Editing accuracy:	±0 frames (using the time code)
Tape timer accuracy:	±1 frame (using the continuous CTL signal)
Servo lock time:	Less than 0.3 sec (standby ON)
Loading time:	Approx. 3 sec
Audio split editing:	YES

VIDEO

Sampling frequencies:	Y: 74.25 MHz, P_B/P_R: 37.125 MHz
Quantizing:	8 bits
Video compression method:	DCT + variable length code
Video compression rate:	1/6.7
Error correction:	Reed-Solomon product code
Video recording bit rate:	100 Mbps

Video input connector

HD serial digital input:	BNC×1, complies with SMPTE 292M standard, BNC×1 (active-through)*
SD serial digital input (option):	BNC×1, complies with SMPTE 259M-C standard, BNC×1 (active-through)*
SDTI input (option):	BNC×1, complies with SMPTE 305M/321M standard*
HD reference input:	BNC×2 (loop-through), 75Ω on/off selectable
SD reference input:	BNC×2 (loop-through), 75Ω on/off selectable

Video Output Connector

HD serial digital output:	BNC×3, complies with SMPTE 292M standard, BNC×1 (monitor output with superimpose)
SD serial digital output:	BNC×1, complies with SMPTE 259M-C/294M standard, BNC×1 (monitor output with superimpose)
SDTI output (option):	BNC×1, complies with SMPTE 305M/321M standard*
HD reference output:	BNC×1
SD reference output:	BNC×1
Analog composite output:	BNC×3, video 1, video 2 (WFM OUT), video 3 (superimpose on/off) Output during SD playback or during the down-conversion

* The AJ-UC1500 SD serial digital input up-converter board and the AJ-YAC150P SDTI interface board, both available as optional accessories, cannot be installed at the same time. Install one or the other.

Specifications

Video Signal Adjustment

HD SDI Y output gain:	–∞ to +3 dB
HD SDI P_B output gain:	–∞ to +3 dB
HD SDI P_R output gain:	–∞ to +3 dB
HD SDI Y black level:	±10%
HD SDI output system phase:	±5.5H (±12100 samples, 13.5 ns steps)
SD SDI Y output gain/ Composite Y output gain:	–∞ to +3 dB
SD SDI P_B output gain/ Composite P_B output gain:	–∞ to +3 dB
SD SDI P_R output gain/ Composite P_R output gain:	–∞ to +3 dB
SD SDI Y black level/ Composite output setup:	±10%
SD SDI output system phase:	±5.5H (±9438 samples, 37ns steps for 480i outputs and 54ns steps for 480p outputs)
Composite video output system phase:	±5.5H (±9438 samples, 37ns steps)
Composite video output SC phase:	±180°

AUDIO

Digital Audio

Sampling frequencies:	48 kHz (synchronous with video)
Quantizing:	16 bits
Frequency response:	20 Hz to 20 kHz ± 1.0 dB (at the reference level)
Dynamic range:	Better than 90 dB (1 kHz, emphasis OFF)
Distortion:	Less than 0.05% (1 kHz, emphasis OFF, reference level)
Crosstalk:	Less than –80 dB (1 kHz, between 2 channels)
Wow & flutter:	Below measurable limit
Headroom:	20 dB

Cue Track

Frequency response:	300 Hz to 6 kHz ± 3 dB

Audio Input Connector

Analog input (CH1 to CH4):	XLR×4, 600Ω/high impedance selectable, +4/0/–20 dBu selectable
Digital input (CH1/CH2, CH3/CH4, CH5/CH6, CH7/CH8):	BNC×4, AES/EBU format
HD serial digital input:	BNC×1, complies with SMPTE 292M/299M standard, BNC×1 (active-through)
SD serial digital input:	BNC×1, complies with SMPTE 259M-C/272M-A standard, BNC×1 (active-through)
Cue track input:	XLR×1, 600Ω/high impedance selectable, +4/0/–20/–60 dBu selectable

Audio Output Connector

Analog output (CH1 to CH4):	XLR×4, low impedance, +4/0/–20 dBu selectable
Digital output (CH1/CH2, CH3/CH4, CH5/CH6, CH7/CH8):	BNC×4, AES/EBU format
HD serial digital output:	BNC×4, complies with SMPTE 292M/299M standard
SD serial digital output:	BNC×4, complies with SMPTE 259M-C/272M-A standard
Cue track output:	XLR×1, low impedance, +4/0/–20 dBu selectable
Monitor output:	XLR×2, low impedance, +4/0/–20 dBu selectable
Headphones:	1/4″ phone jack, variable level, 8Ω

Other Input/Output Connectors

Time code input:	XLR×1, 0.5 to 8 Vp-p, 10 kΩ
Time code output:	XLR×1, low impedance, 2.0 Vp-p±0.5Vp-p
RS-422A input:	D-sub 9-pin, RS-422A interface
RS-422A output:	D-sub 9-pin, RS-422A interface
RS-232C:	D-sub 25-pin, RS-232C interface
Parallel input/output:	D-sub 50-pin
Encoder remote:	D-sub 15-pin

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been over-heated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than 5MΩ.

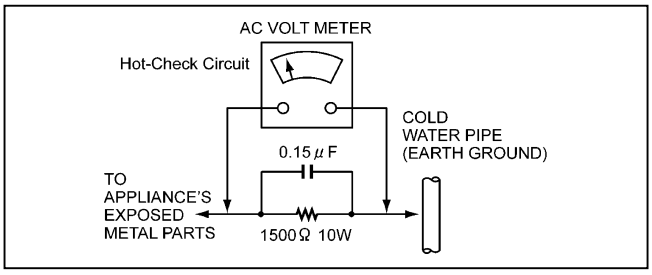


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

1. Plug the AC cord directly into the AC outlet.
   Do not use an isolation transformer for this check.
2. Connect a 1.5KΩ, 10W resistor, in parallel with a 0.15μ F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ABOUT LEAD FREE SOLDER (PbF)

Distinction of Pbf PCB:
PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.
Caution:

1. Pb free solder has a higher melting point than standard solder; Typically the melting point is 50–70˚F (30-40˚C) higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700±20˚F (370±10˚C).
2. Pb free solder will tend to splash when heated too high (about 1100˚F/600˚C).

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor “chip” components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
   Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device classified as “anti-static” can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
   (most replacement ES devices are package with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

Note : It is important to use an accurate periodically calibrated high voltage meter.

3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV,±0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

THIS APPARATUS MUST BE GROUNDED

To ensure safe operation the three-pin plug must be inserted only into a standard three-pin power outlet which is effectively grounded through normal household wiring.

Extension cords used with the equipment must be three-core and be correctly wired to provide connection to the ground. Incorrectly wired extension cords can be extremely hazardous.

The fact that the equipment operates satisfactorily does not imply that it is grounded, and the installation is not necessarily safe. For your safety, if in any doubt about the effective grounding of the equipment or power outlet, please consult a qualified electrician.

CAUTION:

Do not install or place this unit in a bookcase, built- in cabinet or in another confined space in order to keep well ventilation condition. Ensure that curtains and any other materials do not obstruct the ventilation condition to prevent risk of electric shock or fire hazard due to overheating.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, KEEP THIS EQUIPMENT AWAY FROM ALL LIQUIDS-USE AND STORE ONLY IN LOCATIONS WHICH ARE NOT EXPOSED TO THE RISK OF DRIPPING OR SPLASHING LIQUIDS, AND DO NOT PLACE ANY LIQUID CONTAINERS ON TOP OF THE EQUIPMENT.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER MOUNTING OF THE OPTIONAL BOARD TO AUTHORIZED SERVICE PERSONNEL.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF THE SWITCH SETTING INSIDE THE UNIT TO AUTHORIZED SERVICE PERSONNEL.

FCC Note:

This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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IMPORTANT

"Unauthorized recording of copyrighted television programs, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws."

Operating precaution

Operation near any appliance which generates strong magnetic fields may give rise to noise in the video and audio signals. If this should be the case, deal with the situation by, for instance, moving the source of the magnetic fields away from the unit before operation.

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FCD0207NNSK45

SECTION 1

SERVICE INFORMATION

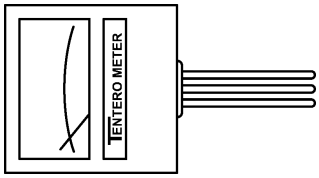
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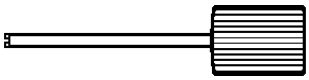
1. SERVICING FIXTURES & TOOLS

NO	NEW	PART NO.	FIXTURE & TOOL NAME	REMARK
1		VFK1145A	Back Tension Meter	
2		VFK1149A	Post Driver	
3		VFK71A	Dial Torque Gauge (1.5cN･m)	150g
4		VFK1191A	Dial Torque Gauge (0.45cN･m)	45g
5		VFK1152	Dial Torque Gauge Adapter	
6		VFK0357	Eccentric Screwdriver (1.5mm)	
7		VFK1154	Post Height Fixture	
8		VFK1586	Neutral Position Plate	for L Cassette
9		VFK1587	Neutral Position Tool (w/ hole)	
10		VFK1588	Neutral Position Tool (w/o hole)	
11		VFK1150	Nut Driver (5.5mm)	
12		VFK1188A	Dial Tension Gauge (300mN)	30g
13		VFK0749	Froiral Grease	for plastics
14		MOR265	Morlytone Grease	for metal
15		VFK0948A	Check Light	
16		VFK1146	Philips Driver (Fine) (00-75)	
17		VFK1147	Philips Driver (Fine) (00-100)	
18		VFK1148	Hex. Driver (1.5mm)	
19		VFK1178	Hex. Driver (0.89mm)	
20		VFK1179	Hex. Driver (0.71mm)	
21		VFK1589	A/C Head Fixture	
22		VFK1209A	Torque Driver (4 cN･m-30 cN･m)	0.4 kgf･cm -3kgf･cm
23		VFK0912	Post Axis Driver (1.5mm)	
24		VFK1300	A/D Board (DAQ-12 Quatech)	
25		VFM3580KM	DVCPRO Alignment Tape (No.1) for NTSC	or VFM3580KL
26		VFM3581KM	DVCPRO Alignment Tape (No.2) for NTSC	or VFM3581KL
27		VFM3582KM	DVCPRO Alignment Tape (No.3) for NTSC	or VFM3582KL
28		VFM3380KM	DVCPRO 50 Alignment Tape for NTSC	
29		VFM3010EDS	DV Alignment Tape (Color Bars) for NTSC	
30		VFM3000EDS	DV Alignment Tape for LISTA	
31		AJ-CL12MP	Cleaning Tape	SALES Route
32		VFK1369	Tape Beg./End Detection Cassette	
33	New	VFK1481E	LISTA Software	
34		VFK1186	LISTA Cable	
35		VFK1501	F Extender Board	for F Boards
36		VFK1502	H Extender Board	for H Boards
37		VFK1304A	Flash Memory Version up Tool	
38	New	VFK1248L	Flash Memory Version up Software	
39		VFK1503	Servo Version up Software	
40		VZZ0095	Cleaning Close	
41		VFK1590	C PLD Writer	
42	New	VFK1593	Loosing Fixture	
43	New	VFM3780KM	DVCPRO 100 Alignment Tape (No.1) for HD-LP	
44	New	VFM3781KM	DVCPRO 100 Alignment Tape (No.2) for HD-LP	
45	New	VFM3782KM	DVCPRO 100 Alignment Tape (No.3) for HD-LP	

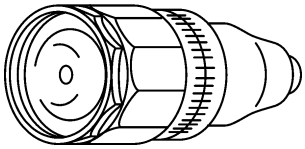
1 **VFK1145A**
Back Tension Meter



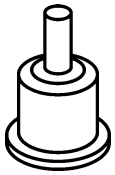
2 **VFK1149A**
Post Driver



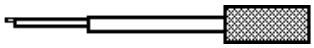
3 **VFK71A**
4 **VFK1191A**
Dial Torque Gauge



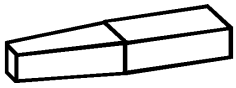
5 **VFK1152**
Dial Torque Gauge
Adapter



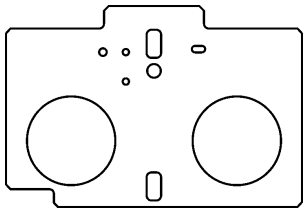
6 **VFK0357**
Eccentric Screwdriver
(1.5mm)



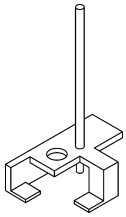
7 **VFK1154**
Post Height Fixture



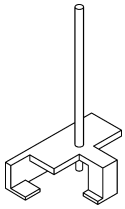
8 **VFK1586**
Neutral Position Plate



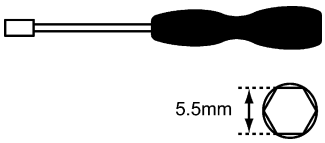
9 **VFK1587**
Neutral Position Tool
(w/ hole)



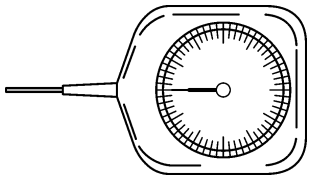
10 **VFK1588**
Neutral Position Tool
(w/o hole)



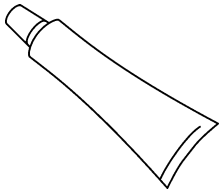
11 **VFK1150**
Nut Driver (5.5mm)



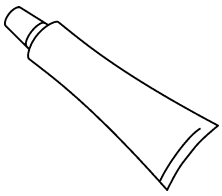
12 **VFK1188A**
Dial Tension Gauge



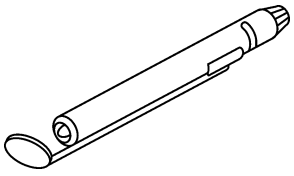
13 **VFK0749**
Froiral Grease
(for plastics)



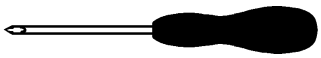
14 **MOR265**
Morlytone Grease
(for metal)



15 **VFK0948A**
Check Light



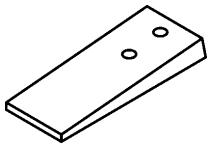
16 **VFK1146 (00X75)**
17 **VFK1147 (00X100)**
Philips Driver (Fine)



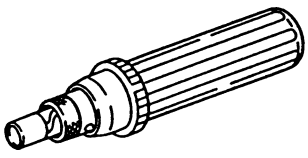
18 **VFK1148 (1.5mm)**
19 **VFK1178 (0.89mm)**
20 **VFK1179 (0.71mm)**
Hex. Driver



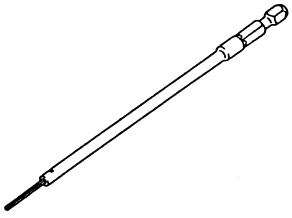
21 **VFK1589**
A/C Head Fixture



22 **VFK1209A**
Torque Driver
(4 cN·m-30 cN·m
(0.4 kgf·cm -3kgf·cm))



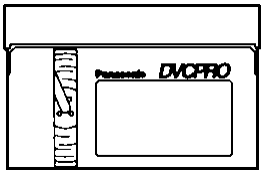
23 **VFK0912**
Post Axis Driver
(1.5mm)



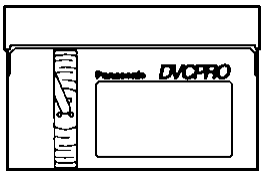
24 **VFK1300**
A/D Board
(Quatech DAQ-12)



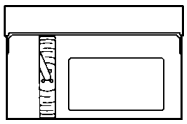
25 **VFM3580KM or L**
26 **VFM3581KM or L**
27 **VFM3582KM or L**
DVCPRO
Alignment Tape



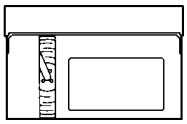
28 **VFM3380KM**
DVCPRO 50
Alignment Tape (NTSC)



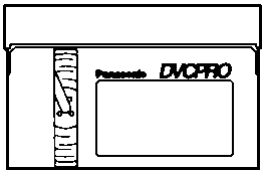
29 **VFM3010EDS**
DV Alignment Tape
(Color Bars) (NTSC)



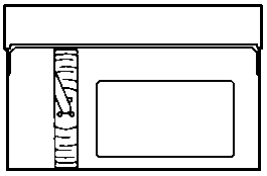
30 **VFM3000EDS**
DV Alignment Tape
(LISTA)



31 **AJ-CL12MP**
Cleaning Tape

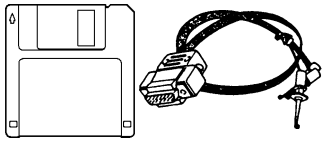


32 **VFK1369**
Tape Beg./End
Detection Cassette

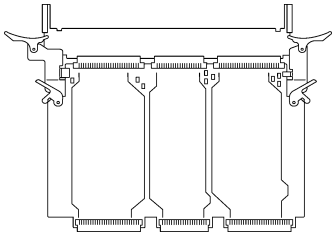


33 **VFK1481E**
LISTA Software

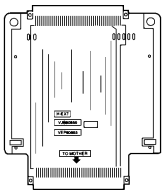
34 **VFK1186**
LISTA Cable



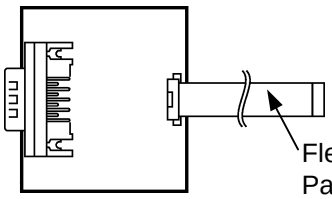
35 **VFK1501**
F Extender Board



36 **VFK1502**
H Extender Board

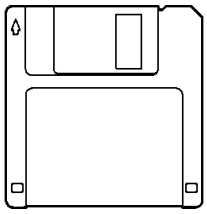


37 **VFK1304A**
Flash Memory Version up Tool
(VFK1304 includes the flexible cable
"VWJ20E5500L0".)

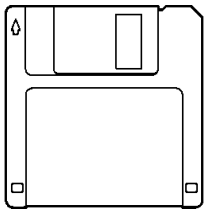


Flexible cable
Part No.: VWJ20E5500L0

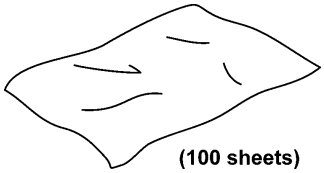
38 **VFK1248L**
Flash Memory
Version up Software



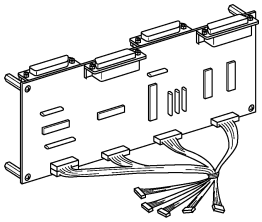
39 **VFK1503**
Servo Version up
Software



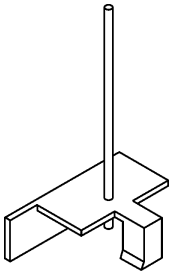
40 **VZZ0095**
Cleaning Close



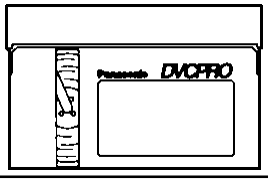
41 **VFK1590**
C PLD Writer



42 **VFK1593**
Loosing Fixer



43 **VFM3780KM**
44 **VFM3781KM**
45 **VFM3782KM**
DVCPRO
Alignment Tape



2. ALIGNMENT TAPE

2-1. VFM3580KM / L (NTSC) (25M adjustment tape No.1)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color bar SMPTE(75%)	Confirmation of the composite video level	1KHz –20dB	Confirmation of the audio level	1KHz 0VU	Confirmation of the cue level
7:00	Color bar (100%)	Confirmation of the composite video level				
14:00	H sweep	Frequency characteristic			6KHz 0VU	A/C head azimuth adjustment
18:00	Bow tie (500K)	Y/C timing				
22:00	Pulse & bar	Y/C timing			300, 500, 1K 2K, 4K, 6KHz	Frequency characteristic
26:00	Area marker	Video start timing			-----	-----

2-2. VFM3581KM / L (NTSC) (25M adjustment tape No.2 for LISTA adjustment)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	ITI pattern	Linearity adjustment	-----	-----	-----	-----

2-3. VFM3582KM / L (NTSC) (25M adjustment tape No.3 for X-value adjustment)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color bar (75%) (with drop-out track)	X-value adjustment	-----	-----	6KHz 10VU	X-value adjustment

2-4. VFM3380KM (NTSC) (50M adjustment tape)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color bar (with teletext) (100%)	Confirmation of video level and teletext level	1KHz –20dB	Confirmation of the audio level	1KHz 0VU	Confirmation of the cue level
4:00	Color bar (SMPTE) (75%)	Confirmation of the video level				
7:00	Multiburst (Y/Pb/Pr)	Frequency characteristic				
10:00	Multiburst (only Y)	Y-frequency characteristic				
13:00	Bow tie	Y/C timing				
16:00	Area marker	Video start timing				

2-5. VFM3010EDS (NTSC) (DV Color Bar adjustment tape)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color bar	EQ adjustment	1,102.5KHz		-----	-----

2-6. VFM3000EDS (NTSC/PAL) (DV LISTA adjustment tape)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	LISTA signal	Adjustment of the linearity	-----	-----	-----	-----

2-7. VFM3780KM (HD-LP) (100M LP MODE adjustment tape No.1)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color bar (with teletext) (100%)	Confirmation of video level and teletext leve	997KHz –20dB	Confirmation of the audio level	1KHz 0VU	Confirmation of the cue level

2-8. VFM3781KM (HD-LP) (100M adjustment tape No.2) (For LISTA adjustment)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	ITI pattern	Linearity adjustment	-----	-----	-----	-----

2-9. VFM3782KM (HD-LP) (100M adjustment tape No.3) (For X-value adjustment)

TIME	VIDEO		PCM AUDIO		CUE	
(min.)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color bar (75%) w/ REF	X-value adjustment	-----	-----	6KHz 10VU	X-value adjustment

3. RECOMMENDED MEASURING INSTRUMENTS

MODEL NO. (Example)	NAME	REMARK
TSG1910 (NTSC)	NTSC analog composite signal generator (with CF OUT)	Tectronix
1760 (op. SC) or 1780R	SCH meter (NTSC)	
	Waveform monitor (NTSC)	
	Vector scope (NTSC)	
	Oscilloscope	
	Digital voltmeter (D.V.M.)	
	Frequency counter	
	Audio noise meter	
	Audio analyzer	
	Spectrum analyzer	
	HD Signal Genenator	
	SD Signal Generator	
	HD Waveform Monitor	
	SD Waveform Monitor	
	HD Monitor	
	SD Monitor	

4. MAINTENANCE

4-1. Maintenance Schedule

Maintenance is done by periodically performing suitable maintenance servicing in order to maintain the functions always in the best condition, so that the user can use the equipment safely. Video equipment with mounted mechanisms uses wear parts, and their wear and deterioration causes troubles. Dust and dirt also can impair stable operation. For this reason it is important to not just perform repair at the time of trouble, but to perform suitable maintenance at regular intervals.

	Part name	Part No.	Drum Rotation (hours)				
			Every 1,000	3,000	6,000	9,000	12,000
-	Cleaning tape transportation	-----	C: Every 500 hours				
-	Mechanical chassis unit	VXY1700Z1					R
1	Cylinder Unit	VEG1595		R	R	R	IM
2	Pinch Arm Unit	VXL3040	R, G	R, G	R, G	R, G	IM
3	Cleaning Arm Unit	VXL3028	R: Every 1000 hours				IM
4	S Reel Moter Unit	VEM0718			R		IM
5	T Reel Moter Unit	VEM0730			R		IM
6	Capstan Unit	VEM0717			R		IM
7	S Loading Unit	VXA6646			R, G		IM
8	T Loading Unit	VXA6648			R, G		IM
9	S4 Post Base Unit	VXA7367			R		IM
10	S Tension Arm Unit	VXL3005			R		IM
11	T5 Arm (1) Unit	VXL2976			R, G		IM
12	T6 Arm Unit	VXL2977			R		IM
13	Mode SW Unit	VES0925			R		IM
14	A/C Head 1 Unit	VED0466					IM
15	Pre-CTL Head (1) Unit	VED0468					IM
16	Motor Unit	VEM0726					IM
17	Reel Drive Moter Unit	VEM0585					IM
18	Pinch Solenoid	VSJ0227					IM
19	S Brake Solenoid	VSJ0216					IM
20	T Brake Solenoid	VSJ0216					IM
21	Distinction SW Unit	VXA7406C					IM
22	Cleaner Solenoid	VSJ0226					IM
23	Main Cam Cear	VDG1424					IM
24	M Stopper Solenoid	VSJ0216					IM
25	Front-loading unit	VXA7347					R
26	Front Loading Motor U.	VXA5597					F
-	Fan motor	VRF0208	R: every 10,000 operation hours				
-	Fan motor (Under mech.)	VRF0202					
-	Filter (Under mech.)	VGF0861					

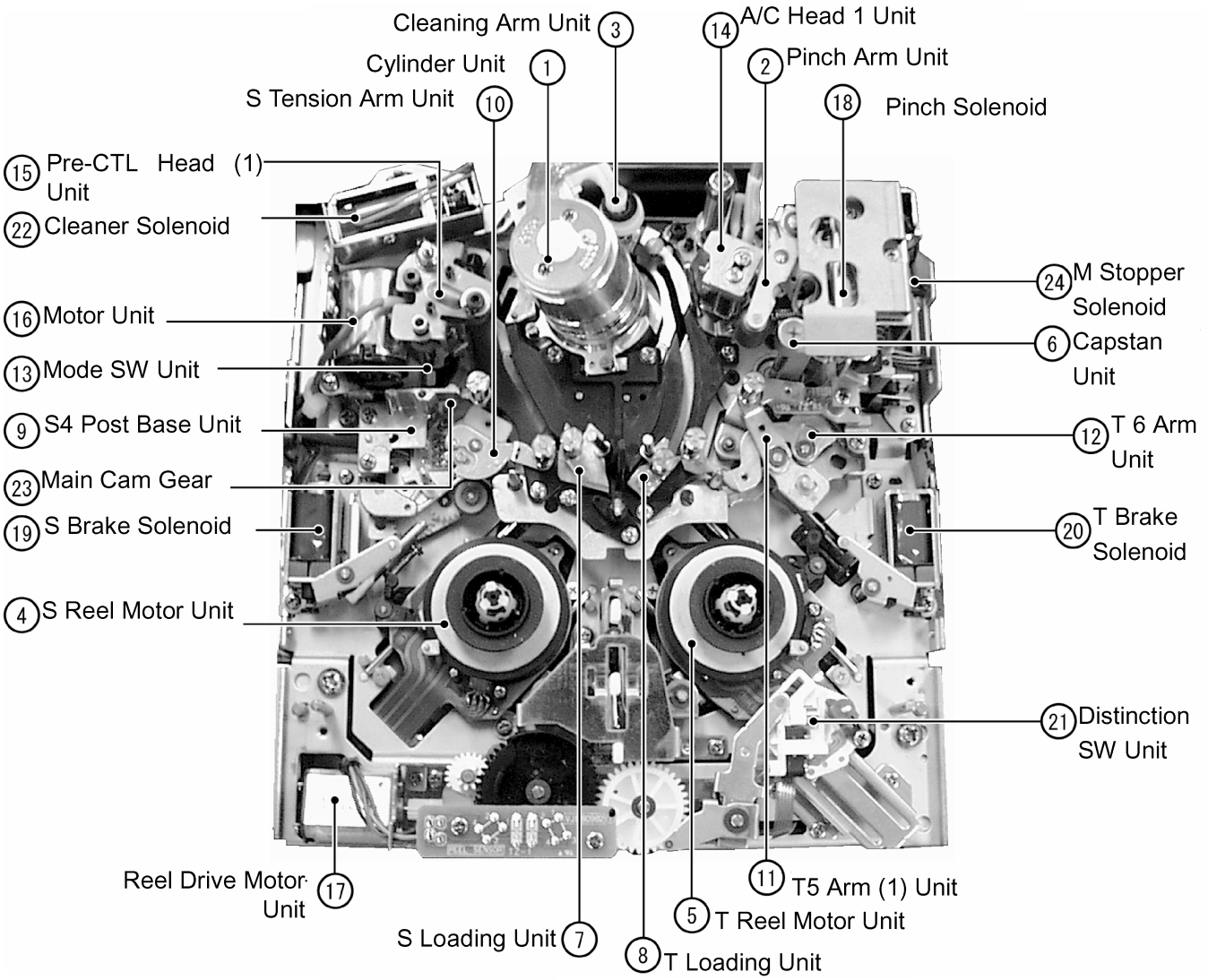
Exchange of the mechanical chassis unit is recommended for the 12,000 h maintenance.

C : Perform cleaning.
R : Assembly subject to exchange.
G : At the time of exchange, wipe off the old grease and apply new grease. (Morlytone grease)
IM : Included in the mechanical chassis unit.
When the mechanical chassis unit is not exchanged, exchange as a single part is required.
F : Included in the front-loading unit.

<Note:>

The Hours of use indicates the cylinder rotation time (DRUM RUN).
The maintenance execution time shown in the chart is recommendation for standard maintenance execution. This is not the life of the various parts. The life is influenced by temperature, humidity, dust, etc.
Please refer to the most recent execution outline, as the maintenance specifications and the part numbers may change.

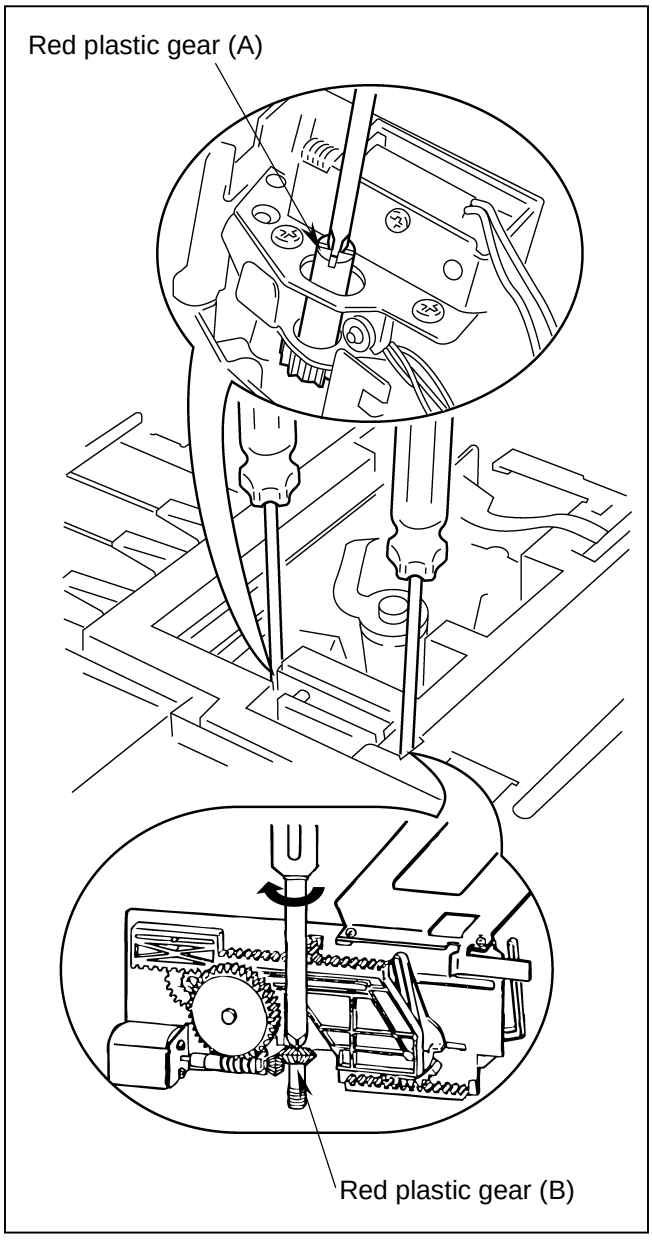
4-2. Layout of the Maintenance Parts



5. MANUAL TAPE EJECT (EMERGENCY EJECT)

When the tape can not be ejected by normal operation because of trouble of the electrical system or the mechanical system, the tape can be removed from the unit manually by means of the following method

1. Switch off the power and remove the upper cover.
2. Use a cross-slot screw driver to push in the red plastic **gear (A)** and turn it in **counterclockwise** direction. At this time, the tape winding mechanism operates at the same time, so that the latch sound will be heard, but turning for about 10 turns should be done in this condition. (Excessive turning can place a load onto the tape and can cause tape damage.)
3. Confirm unloading for each post and that the tape has been stored completely in the cassette.
4. When the tape has returned completely into the cassette case, push the red plastic **gear (B)** at the front of the cassette down motor work gear, and turn it in clockwise direction to remove the cassette. (Take care that the tape is not caught when the cassette lid closes.)

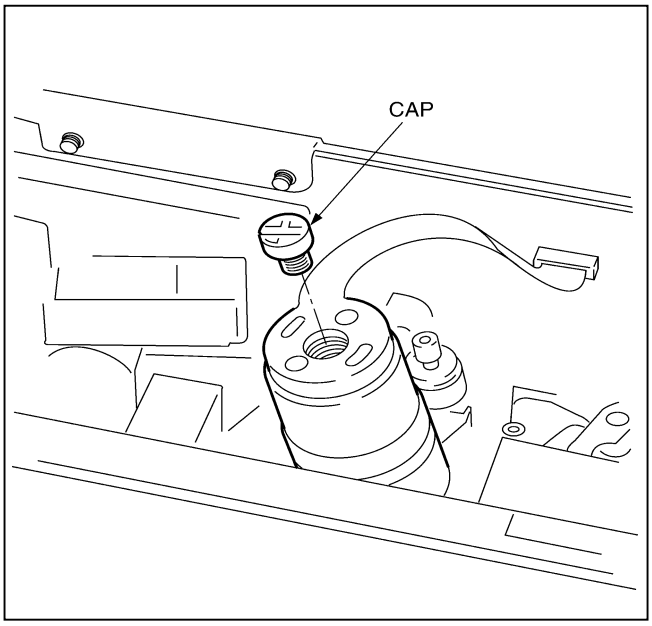


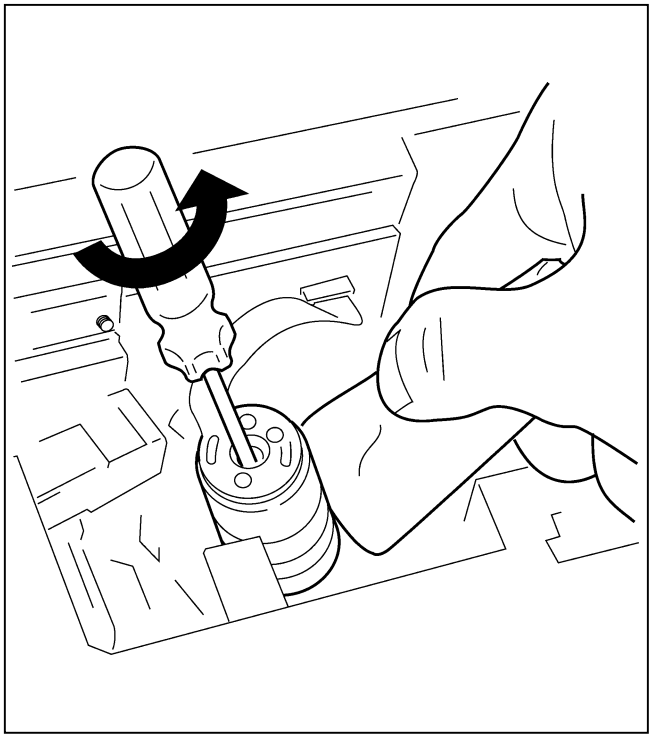
6. CYLINDER HEAD CLEANING METHOD

The cylinder head of this unit has a 3-piece construction (top, center, and bottom), and only the center cylinder with the installed head chip rotates. Accordingly, head cleaning must be performed while rotating only the center cylinder according to the following method.

NOTE: At the time of cleaning, use sufficient care not to touch the head or the cleaning roller with bare hands

1. Switch off the power and remove the upper cover.
2. Use a flat screwdriver to remove the white cap from the upper part of the cylinder, taking care not to drop it. (Refer to the following figure.)





3. Push a cleaning cloth lightly against the center cylinder (the part where the head chip is installed), insert a flat screwdriver into the hole at the center of the cylinder, and turn the center cylinder (the part where the head chip is installed) in counterclockwise direction to perform cleaning.

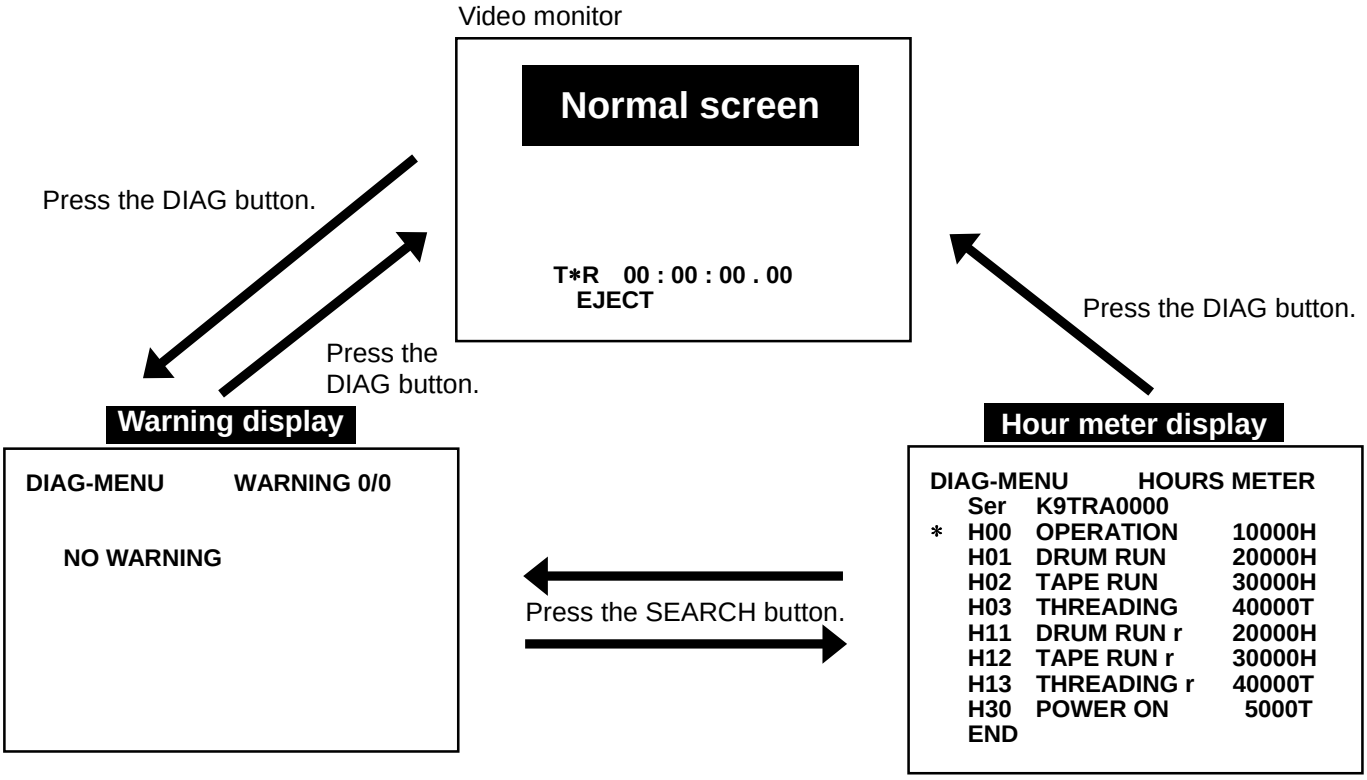
NOTE: Before inserting the screwdriver into the cylinder, confirm that the center cylinder is stopped.
Take care that the screwdriver exerts no excessive force onto the cylinder unit when it is inserted.

7. DIAG-MENU DISPLAY

The **DIAG-MENU** is the menu for investigating the status of the VTR, and it has the warning display (WARNING) and the hour meter display (HOURS METER).

7-1. DIAG-MENU Operation Method

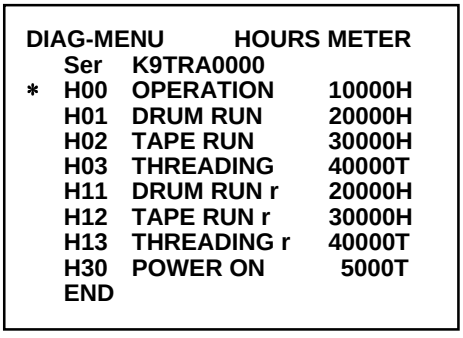
1. Open the door at the lower part of the front panel and press the "**DIAG**" button.
2. "**DIAG-MENU**" will be displayed on the video monitor (VIDEO OUT3, HD SDI OUT 3, SD SDI OUT 3) and on the level meter display (Upper front panel).
3. The display switches between the warning information and the hour meter information everytime time the **search button** is pressed.
4. When the "**DIAG**" button is pressed again, return is made to the normal screen.



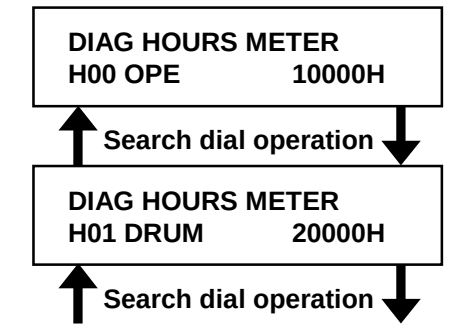
Please refer to the operating instructions in detail.

7-2. Hour Meter Display

1. When the search dial is turned during hour meter display, the operation hours for each item can be confirmed on the level meter display (Upper front panel).



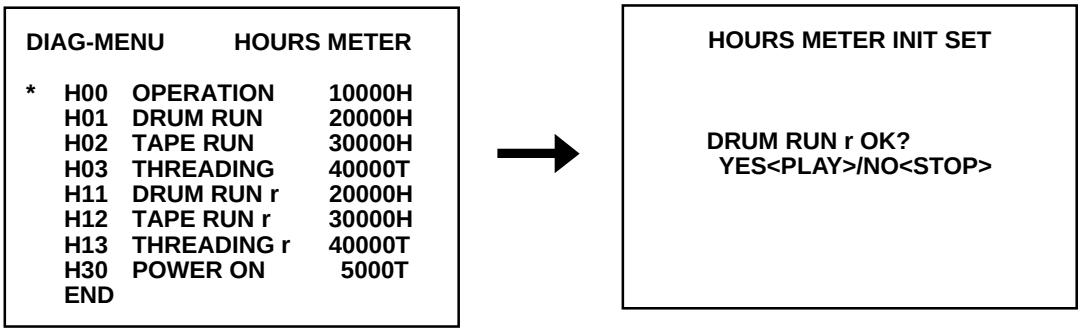
Video monitor



Level meter display (Upper front panel)

7-3. How to Reset Hour Meter

1. Eject a cassette Tape.
2. Turn off the main power.
3. Set **SW236-1** on the SYSCON board “**ON**”.
4. Turn on the main power.
5. Push the “**DIAG**” botton.
6. Push the “**SERCH**” button.
7. Set the cursor " ***** " to a "**r**" marked item (item **H11**, **H12** or **H13**) by turning the serach dial.
8. Press the "**RESET**" button on the front panel, then the following message appear on the screen.
9. Push the “**PLAY**” button to reset the selected item.
10. Set **SW236-1** on the SYSCON board “**OFF**”.

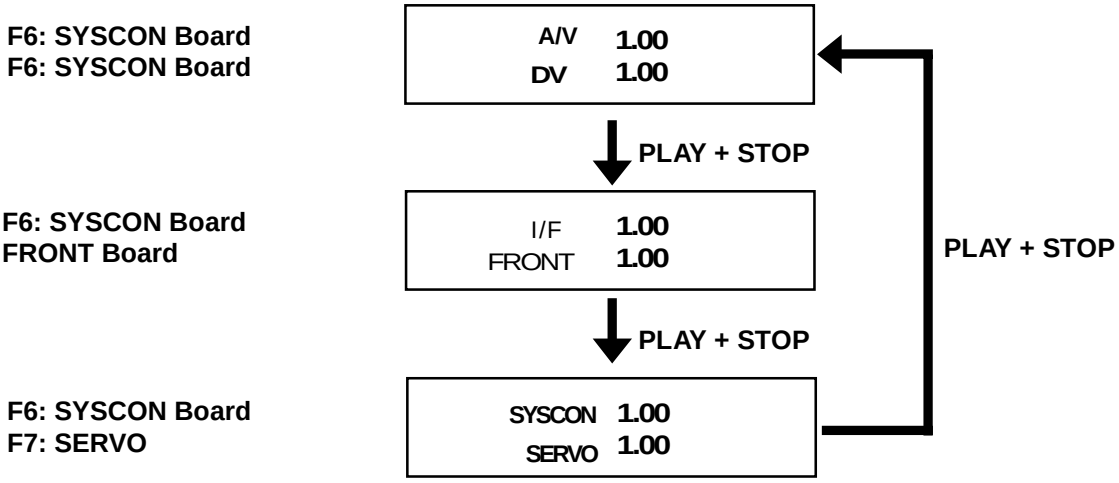


All “r” marked items are reset by doing the procedure above while the SW236-1, 2 are ON.

8. SOFTWARE VERSION DISPLAY

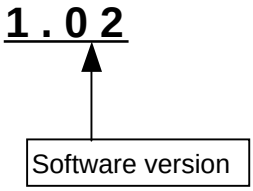
8-1. Version Display Operation Procedure

1. Press the "**EJECT**" button. (If a tape is inserted, eject it.)
2. When the "**PLAY**" button and the "**STOP**" button are pressed simultaneously, the version will be displayed on the counter display part (front panel) while these buttons are being pressed.
3. When the "**PLAY**" button and the "**STOP**" button are pressed again, the software version for each item can be confirmed.



Level meter display (front panel)

8-2. How to Read the Version Display

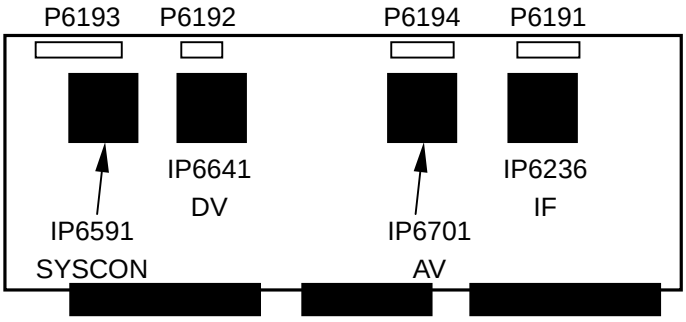


9. SOFTWARE VERSION UPGRADE METHOD

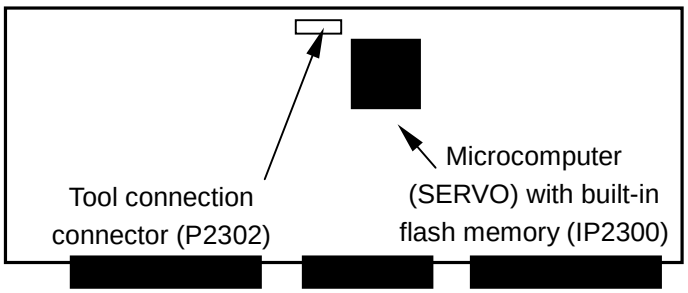
9-1. Version Upgrade for the Built-in Microcomputer with Flash Memory

The microcomputer of the **F7: SERVO** circuit board and **F6: SYSCON** circuit board has a built-in flash memory. For the software version up, connect the Personal Computer to the remote control connector and use the "**Version up software**" according to the following procedure.

F6: SYSCOM circuit board



F7: SERVO circuit board



9-1-1. Version Upgrade Preparations

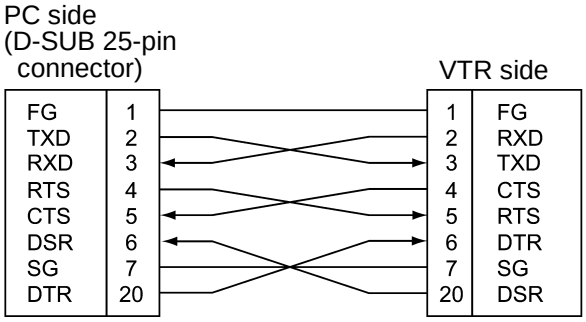
1. Items required for flash memory writing

Flash memory version up software.....VFK1248J

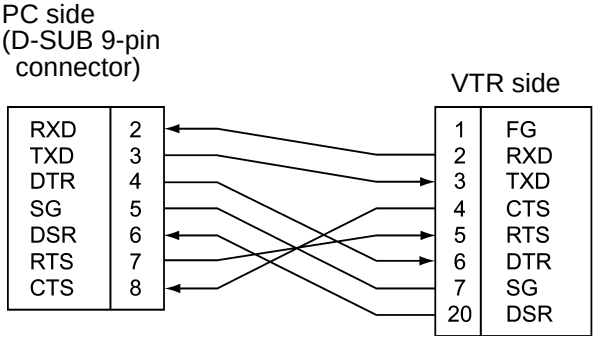
The VFK1248J conains;
f_servo.obf
FW103u.exe
VSI2312L.exe
Setting ini

Personal computer compatible with Windows 95/98
RS-232C cable (D-sub 25-pin to 25-pin cross-cable or D-sub 9-pin to 25-pin cross-cable)

■ **Using crossover cable with D-SUB 25-pin connectors**

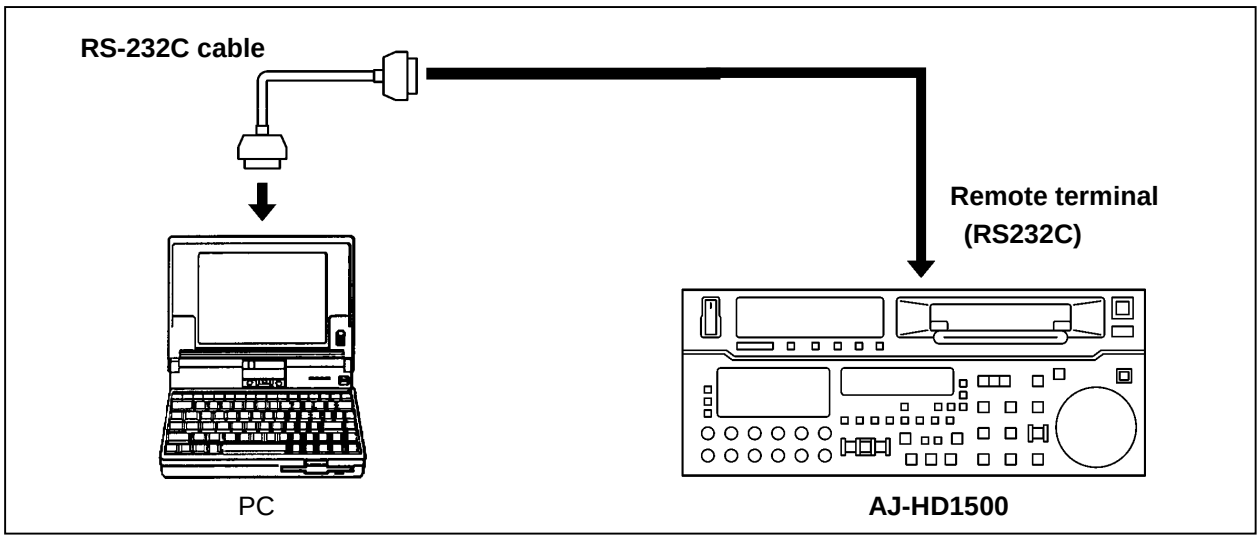


■ **Using crossover cable with D-SUB 9-pin and 25-pin connectors**



2. Connection of the flash memory version up tool

(1) Turn off the power for the AJ-HD1500 and the personal computer.
(2) Connect the Remote terminal of the AJ-HD1500 and the RS-232C terminal (COM1) of the personal computer by RS-232C cable (cross cable).
(3) Turn on the power for the AJ-HD1500 and the personal computer.
(4) Set the USER MENU as shown bellow.
USER MENU 204 : RS232SEL = ON
(5) Set the DIP switch SW1-1 at the rear of the front panel to ON.



9-1-2. SYS, AV, DV and I/F software (Flash ROM).

1. Copy the program software (SYS, AV, DV or I/F:VSIXXX.mot) into the personal computer.
2. Turn on the VTR power.
3. Excute the VSI2312L. exe so that the following screen appears.

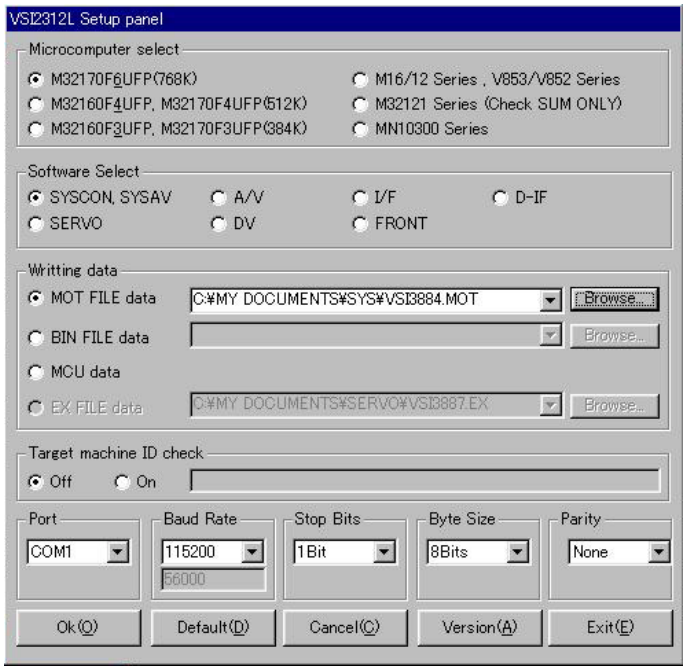


Figure 1

4. Select the each item as below;

Microcomputer select	SYS, AV→M32170F6UFP (768K) DV, I/F→M32170F4UFP (512K)
Software select	Target software (SYSAV or DV or I/F)
Writing data	MOT FILE data→ Select the program software (VSIXXX.mot) which was copied at item 1).
Target machine ID check	Off (default)
Port	COM1
Baud Rate	115200
STOP Bits	1 Bit (default)
Byte Size	8 Bits (default)
Parity	None (default)

5. Press **"OK"** button so that the following screen appears and Check sum is calculated. (refer to figure 2)

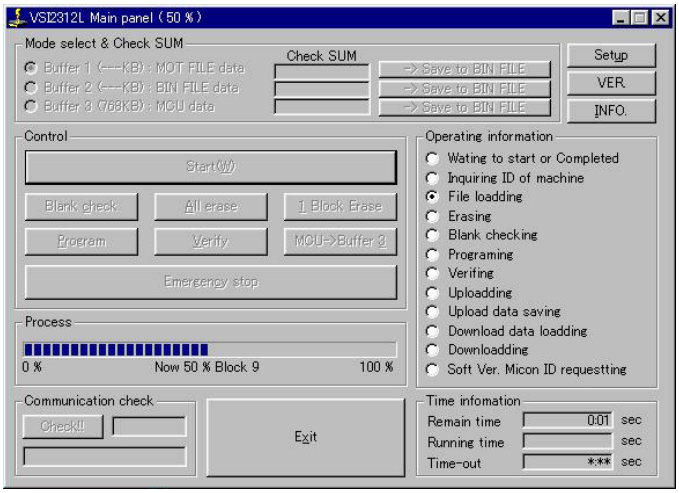


Figure 2

6. Check sum is displayed upper side on the screen after the process of item 5).
7. Press **"Start"** button so that the software programming will start. (refer to figure 3)

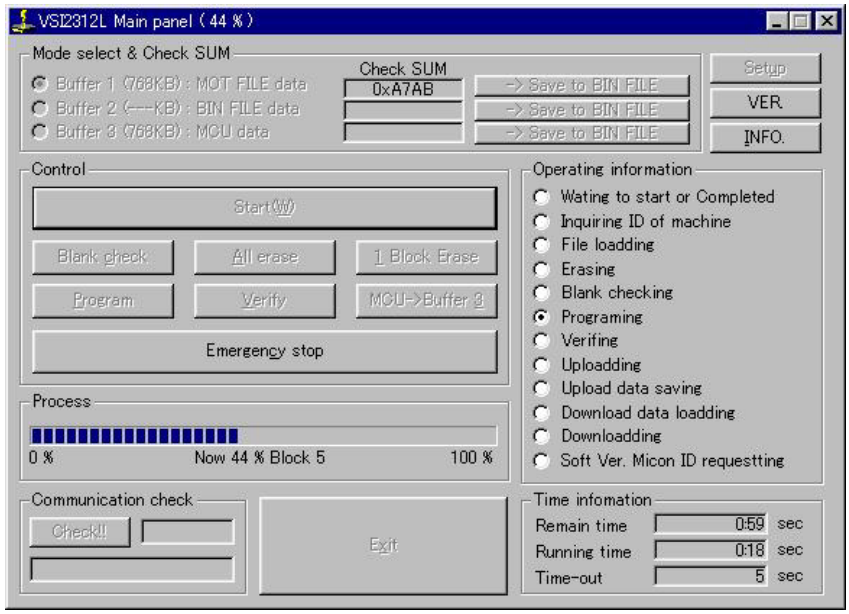


Figure 3

8. Confirm the bar in the Process window reach to 100% that means the software programming complete. (refer to figure 4)

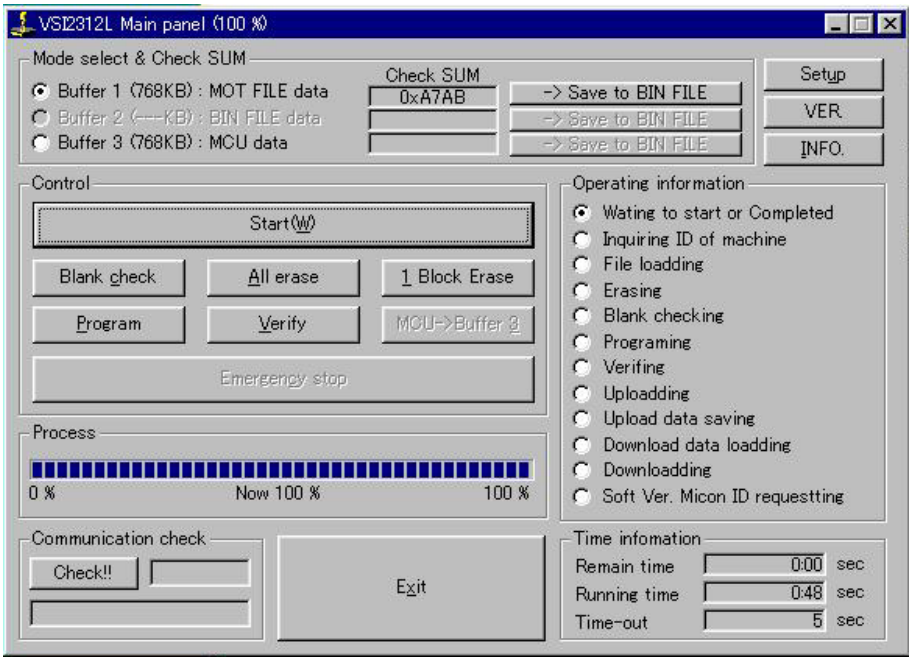


Figure 4

9. Press **"Exit"** button to end the program.

* If the error occurs during above process, repeat the process from item 7).

10. Turn off and on the power of VTR in order to reboot the machine.
11. Confirm that software version is updated.

9-1-3. SERVO software (Flash ROM).

1. Copy the Servo program software (VSIXXX.ex) into the personal computer.
   For your reference, an extension of Servo program software is different from others such as SYSAV, DV and I/F.
2. Turn on the VTR power.
3. Excute the VSI2312L. exe so that the following screen appears.

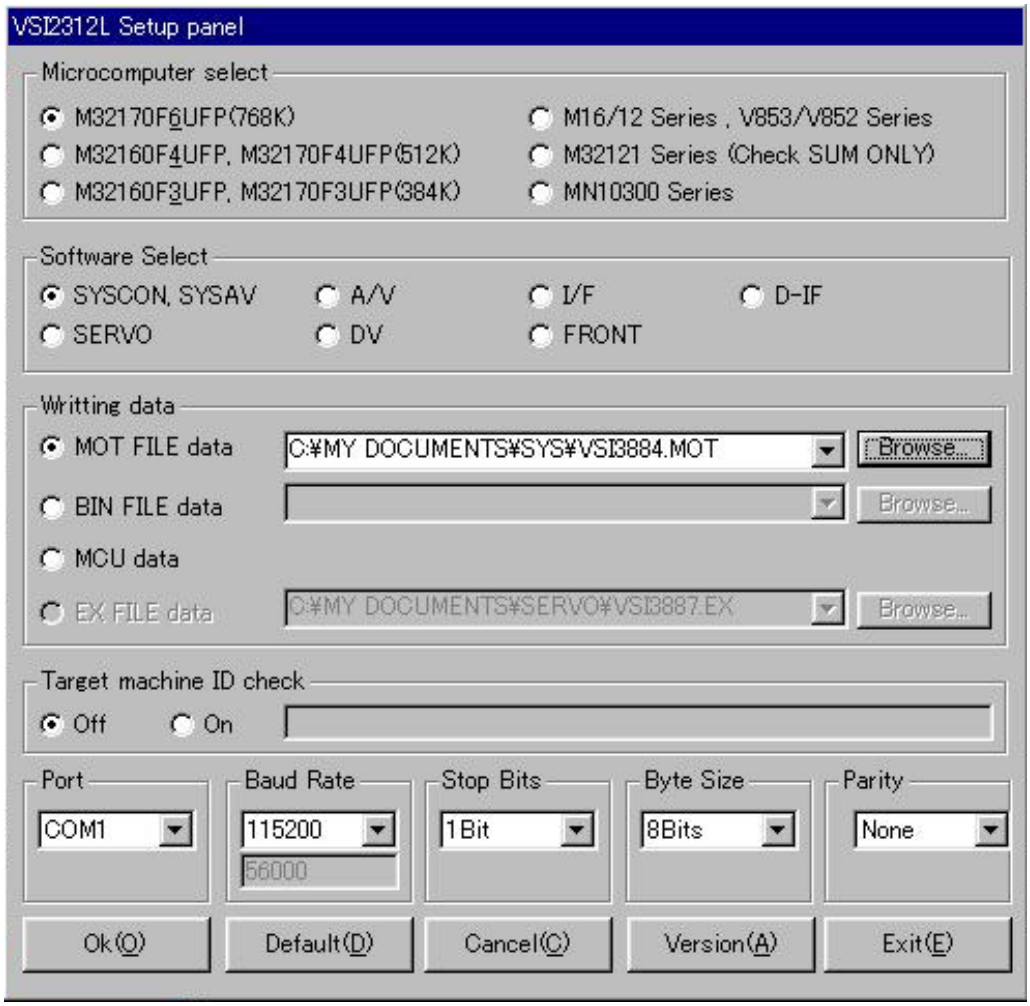


Figure 5

4. Select the each item as below;

Microcomputer select	MN10300 Series
Software select	SERVO
Writing data	EX FILE data →Select the Servo program software (VSIXXX.ex) which was copied at item 1)
Target machine ID check	Off (default)
Port	COM1
Baud Rate	115200
STOP Bits	1 Bit (default)
Byte Size	8 Bits (default)
Parity	None (default)

5. Press **“OK”** button so that the following screen appears Check sum is not calculated. (refer to figure 6)

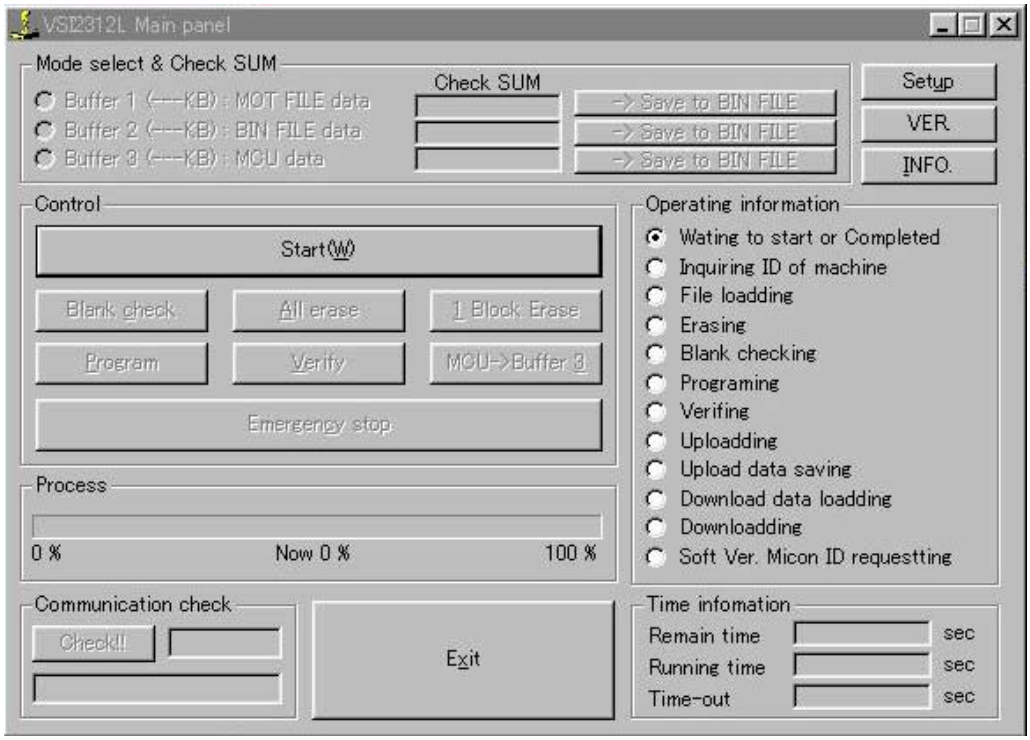


Figure 6

6. Press **“Start”** button so that the following comment appears in the MOS DOS screen. (refer to figure 7)

“Do you continue? Y/N>

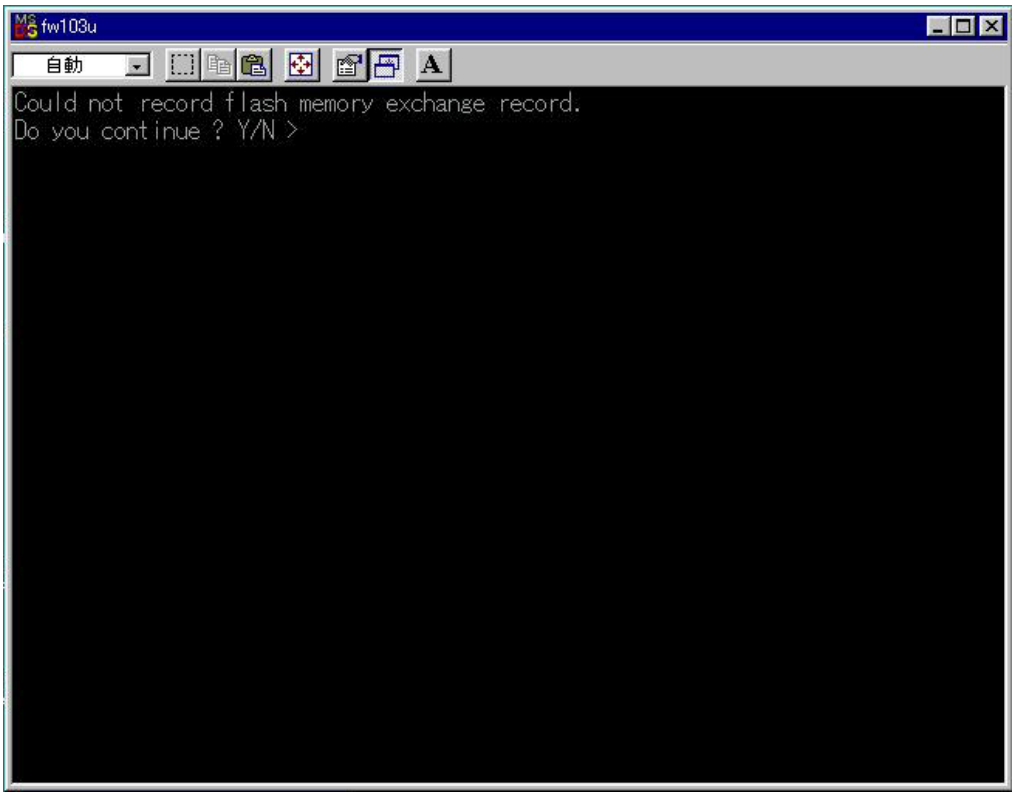


Figure 7

7. Select **"Y"**, then the program will start. (refer to figure 8)

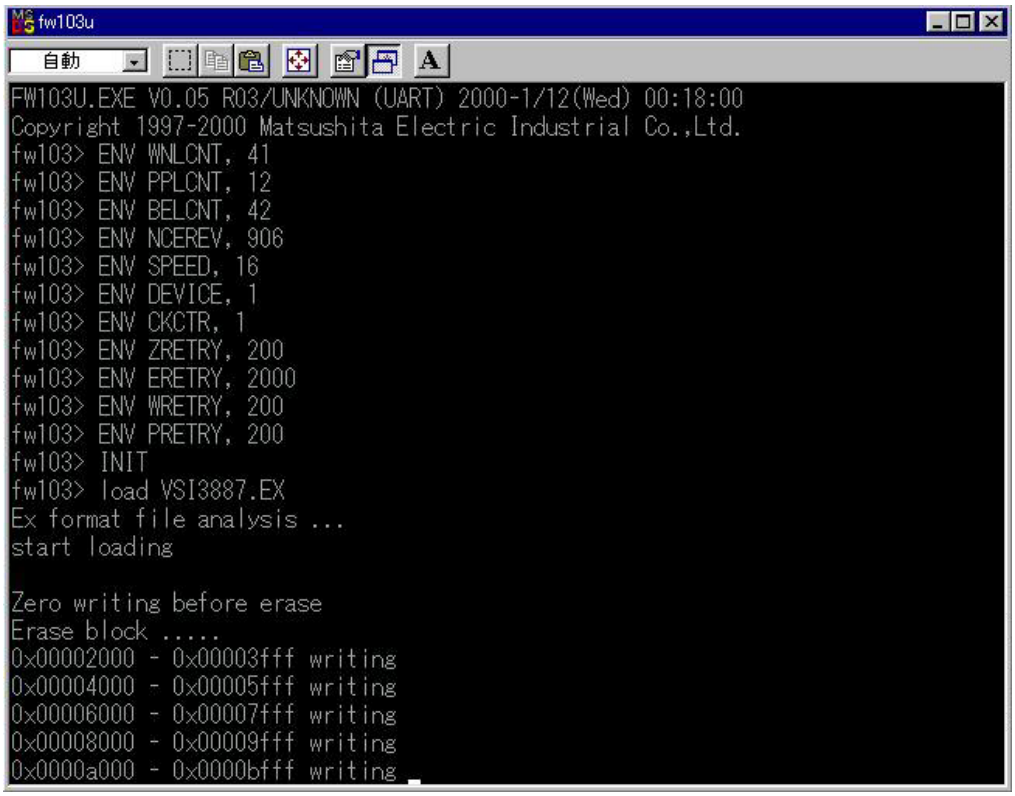


Figure 8

8. The screen display of MS-DOS changes to Windows screen after the programming complete.
9. Press **"Exit"** button to end the program.
10. Turn off and on the power of VTR in order to reboot the machine.
11. Confirm that software is updated.

<NOTE>

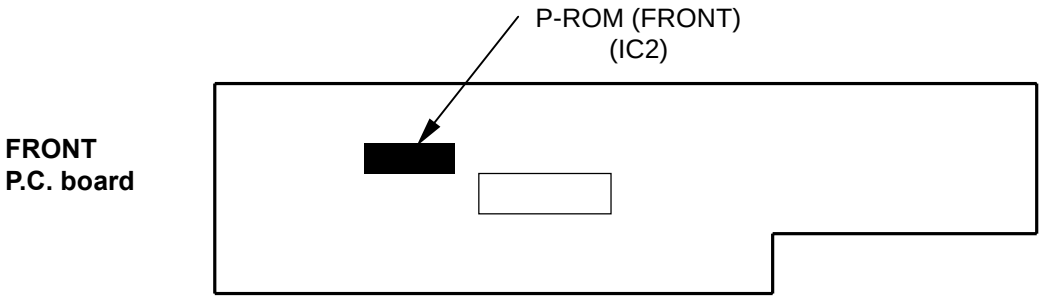
9-1-4. Version Upgrade Procedure (using VFK1304A)

* Version Upgrade Procedure is same as AJ-HD150.
  Refer to AJ-HD150 Srvice Manual.

P.C.Board	Micro Computer	Ref No.	Connector	Software
SYSCON P.Cboard	SYSCON	IP6591	P6193	VFK1248J
	AV	IP6701	P6194	
	DV	IP6641	P6192	
	IF	IP6236	P6191	
SERVO P.C.Board	SERVO	IC300	P2302	

9-2. E-PROM (FRONT, I/F) Version Upgrade

The **FRONT** circuit board and the **F6: SYSCON** circuit board have an E-PROM (FRONT, I/F).
To upgrade a software, replace the E-PROM to a new version.
(Upon the exchange of the E-PROM, the front panel must be removed from the unit, and then the back cover must be removed.)

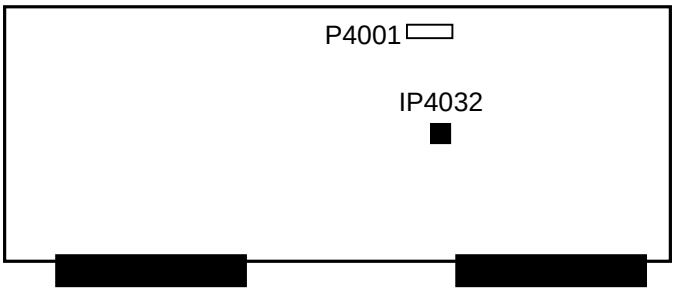


9-3. CPLD Version Upgrade Procedure

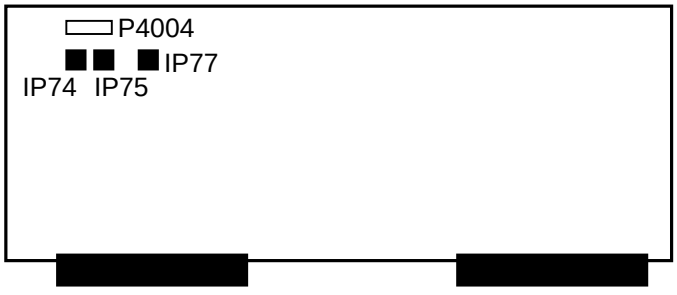
The AJ-HD1500 uses CPLD. At the time of a version upgrade, use the special tool, connect the respective connector, and use the CPLD writing software.

Board	PLD Writer Connection Connector	Number of pins	Manufacture	Quantity
F1: A ADDA	P4001	8P	ALTERA	1
F2: A PROC	P4004	8P	ALTERA	3
F3: SDI	P101	8P	ALTERA	5
F4: V PROC	P4	8P	ALTERA	1
F4: UD CONV	P700	8P	ALTERA	3
F5: REC/PB	P50	8P	ALTERA	4
F5: ECC SUB	P50	8P	ALTERA	5
F6: SYSCON	P6701	8P	XILINX	2
F7: SERVO	P2400	8P	XILINX	1
H1: CMPST OUT	P2	8P	XILINX	3

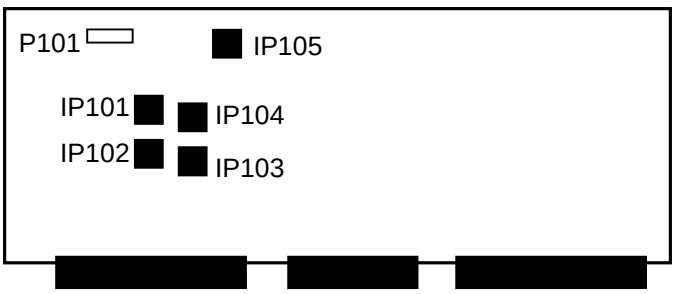
F1: A ADDA P.C.Board



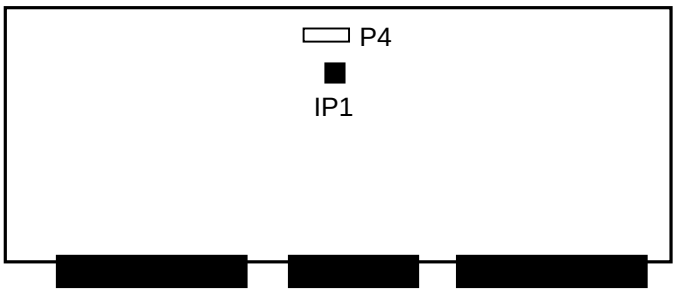
F2: A PROC P.C.Board



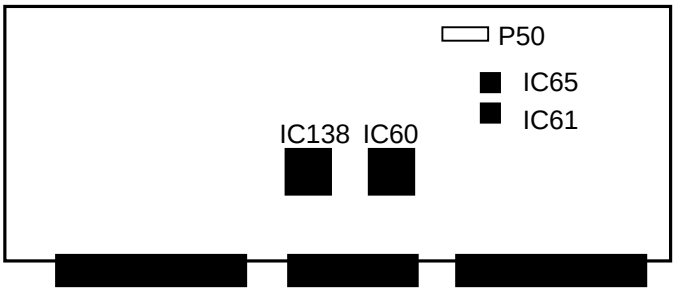
F3: SDI P.C.Board



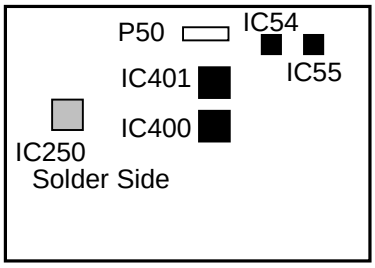
F4: V PROC P.C.Board



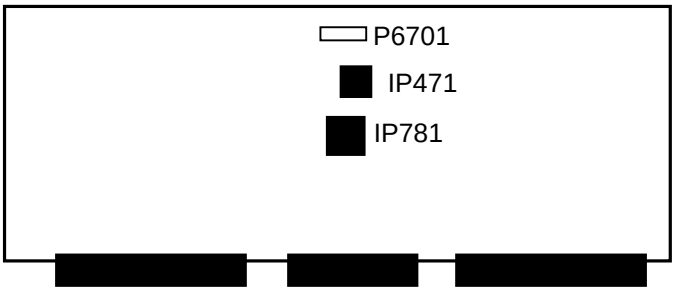
F5: REC/PB P.C.Board



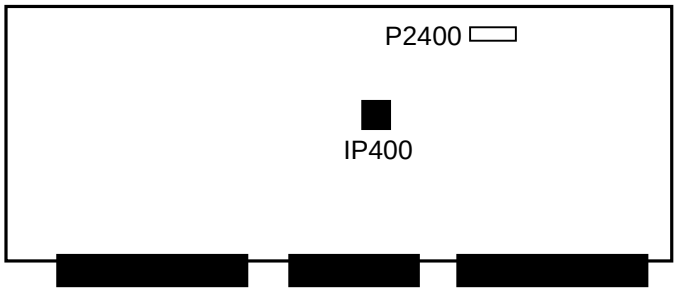
F5: ECC SUB P.C.Board



F6: SYSCON P.C.Board



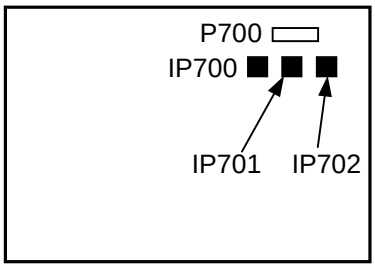
F7: SERVO P.C.Board



H1: CMPST OUT P.C.Board



F4 SUB: UD CONV P.C.Board



9-3-1. Version Upgrade procedure of PLD (ALTERA)

<Preparation>

1. Following items are required for version upgrade.

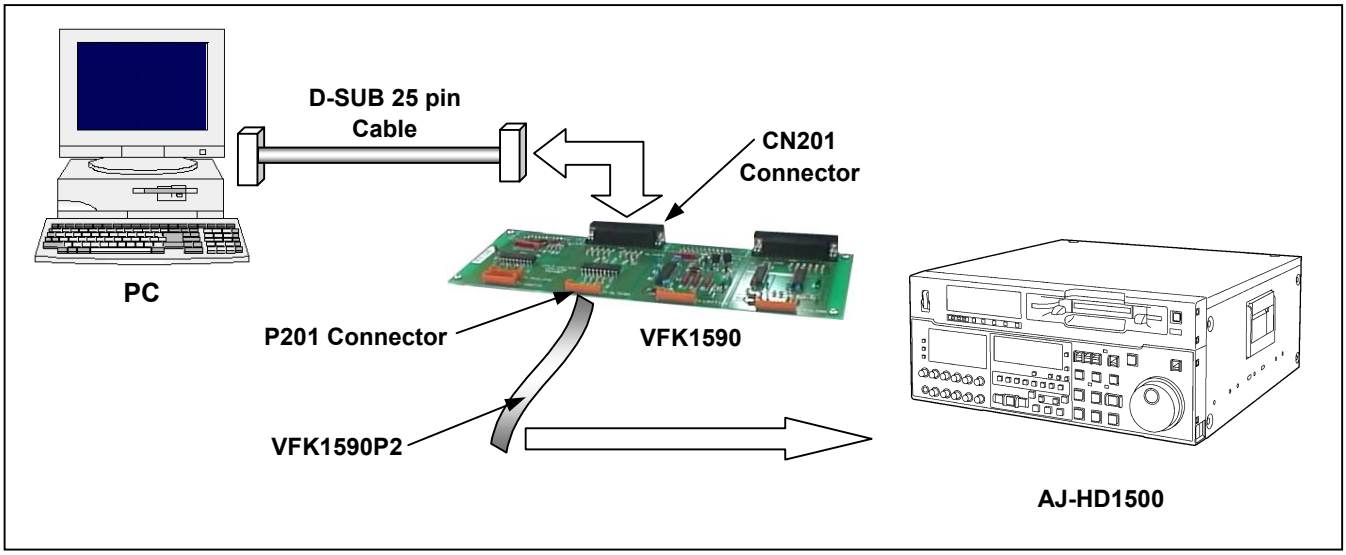
ITEM	REMARK
CPLD WRITER	VFK1590
D-sub 25pin-25pin Cable	Straight (Male – Female), Length : shorter then 1 meter
Version Upgrade Software	MAX+plus II Software (Please download from www.altera.com/support/device/programming/sup-asap2.html Then select “asap2.exe 10.1”) * The software of version 10.1 or later must be used.
Version Upgrade Data	tdf file (”VSIXXXX” include it)
Personal Computer	WINDOWS 95® or 98®

<Connection>

1. Connect the D-sub 25P cable between CN201(for ALTERA) connector of the CPLD WRITER and Personal Computer(Printer port).
2. Connect the CPLD WRITER cable(VFK1590P2) between respective connector (Please refer to chart on page INF3) and connector P201 on CPLD WRITER.

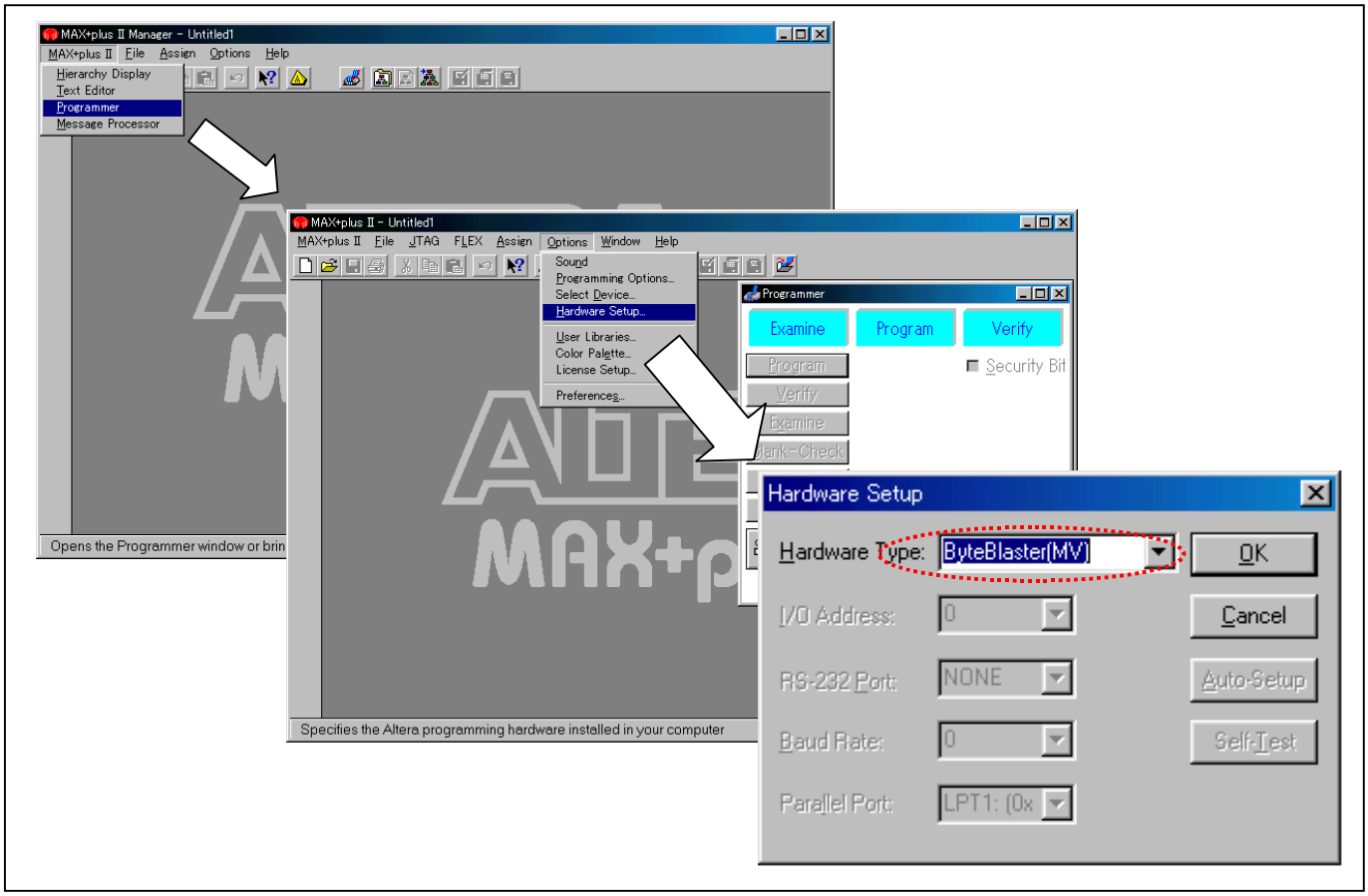
NOTE: VFK1590P2 is accessory with VFK1590 and it can be order as service part.

3. Turn on VTR and Personal Computer (Windows mode).

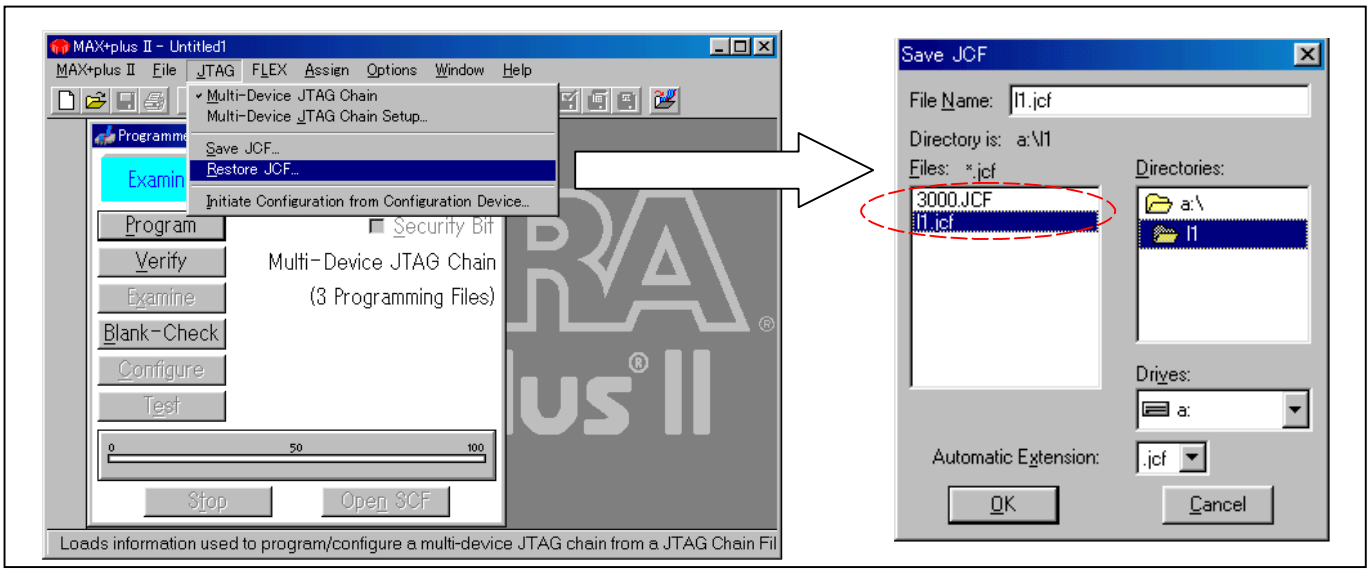


<Boot up the Version Up Software and Version Up Procedure>

1. Boot up the **"MAX+plus II 10.1 Programmer Only"** software from start menu of Windows.
   (1). On main window, select tab "MAX+plus II" and then "Programmer".
   (2). On main window (Programmer window is displayed), select tab **"Option"** and then **"Hardware Setup"**.
   (3). On Hardware Setup dialog, set the **"Hardware Type"** to **"ByteBlaster(MV)"**.



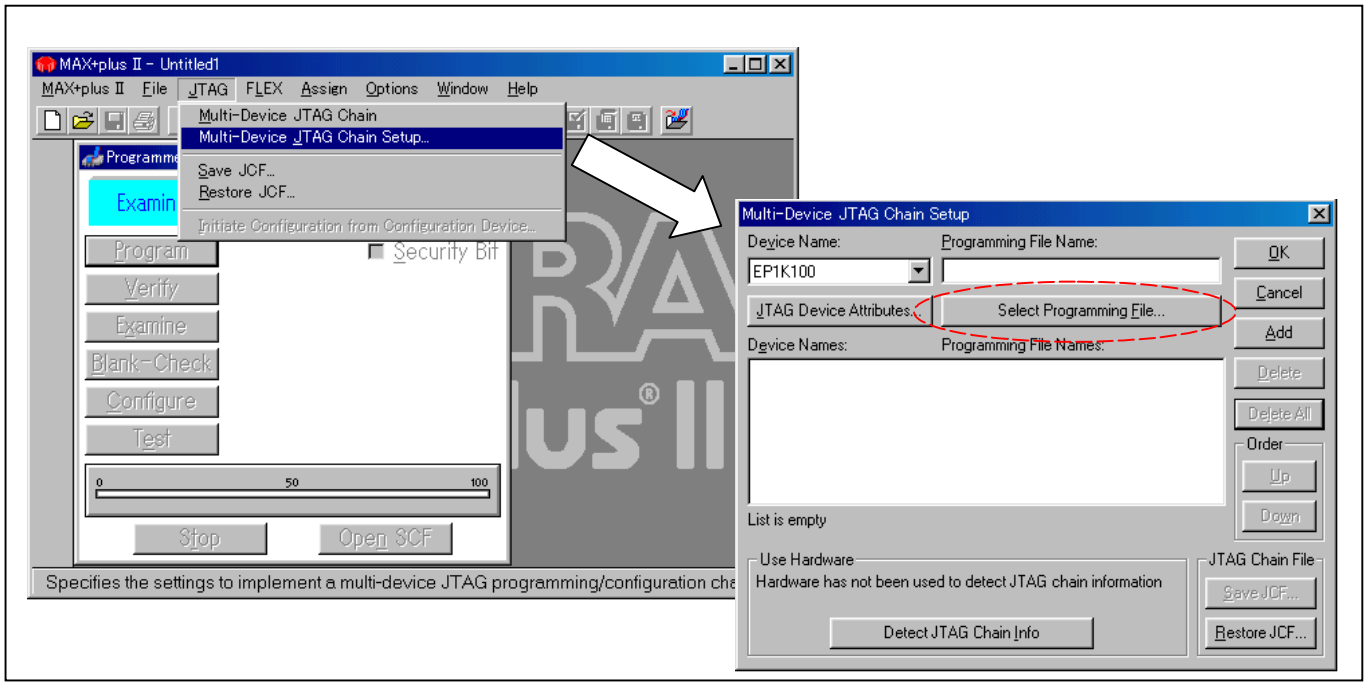
2. On main window, select tab **"JTAG"** and then **"Restore JCF"**.
3. On dialog of Save JCF, select the **"jcf"** format file (Chain file) and then press **"OK"** button.



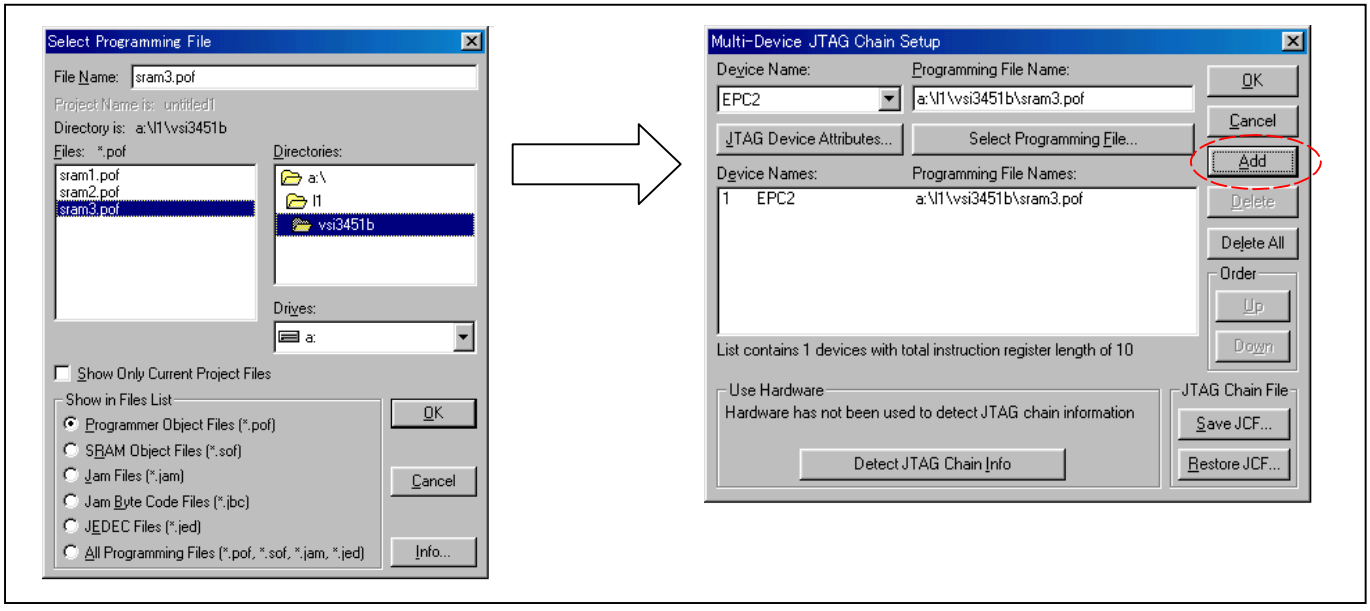
<NOTE: How to create Chain file>

In case the some PLDs are installed on the board, those can be upgrade by chain file (jcf format) at once. If the chain file isn't created, please create it by following procedure (ex. L1 board)

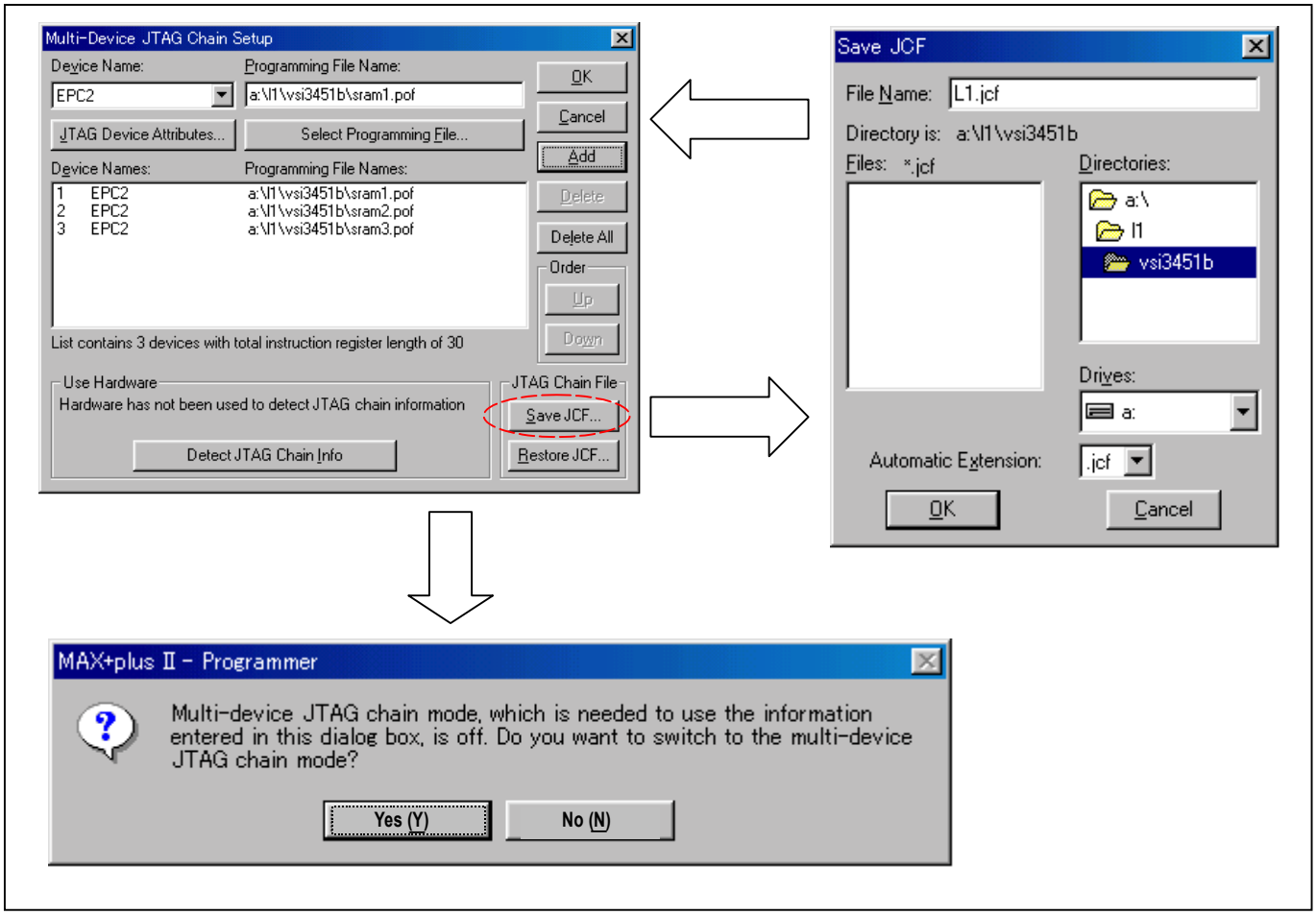
1. On main window, select tab **"JTAG"** and then **"Multi-Device JTAG Chain Setup"** for open **"Multi-Device JTAG Chain Setup"** screen



2. Click the **"Select Program File"** button for open the **"Select Program File"** screen. And select the drive to select the **"pof"** file. In case of the 3 pieces of pof files, select the pof file from the biggest number of file and click **"OK"** button then **"Multi-Device JTAG Chain Setup"** screen is displayed.
3. Click **"Add"** button on **"Multi-Device JTAG Chain Setup"** screen.

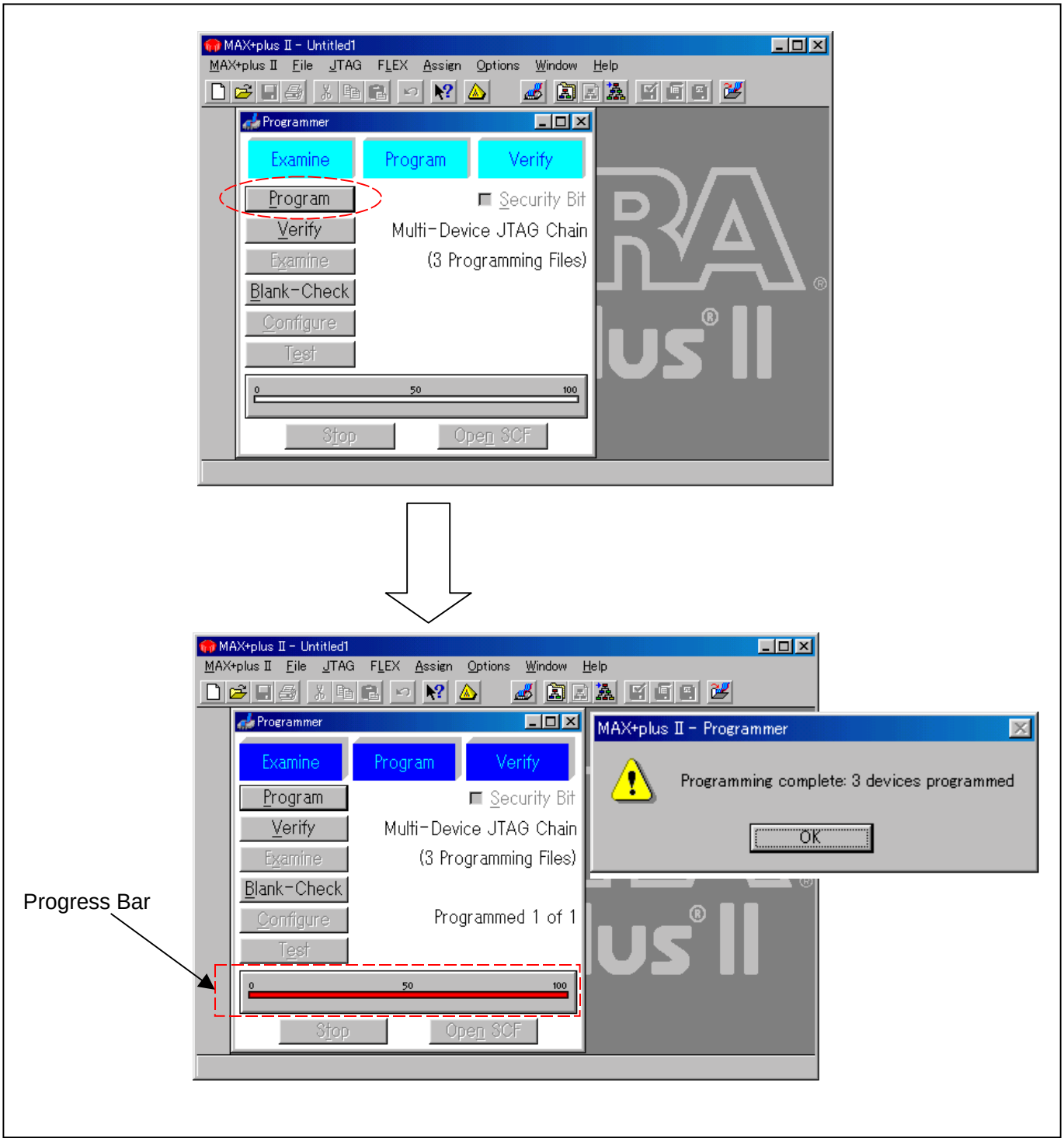


4. Repeat procedure of item 2 and 3 for copy the pof file.
5. Click **“JCF”** button and then open the **“Save JCF”** screen.
6. Input the File Name and click **“OK”** button, then return to **“Multi Device JTAG Chain Setup”** screen.
7. Click **“OK”** button on **“Multi Device JTAG Chain Setup”** screen, then the message appears to ask if you set to Multi Device JTAG Chain mode or not. Please select **“Yes”**.



<END - How to create Chain file>

4. Click the **“Program”** button on **“Programmer”** dialog screen.
5. When Progress Bar reaches at the point of **“100”**, the message **“Program Complete”** appears, then PLD version upgrade is completed.
6. Click “OK” button on the **“Programming complete”** message dialog.



9-3-2. Version Upgrade procedure of PLD (XILINX)

<Preparation>

1. Following items are required for version upgrade.

ITEM	REMARK
CPLD WRITER	VFK1590
D-sub 25pin-25pin Cable	Straight (Male – Female), Length : Within 1 meter
Version Upgrade Software	JTAG Programmer Software (Please download from www.xilinx.com)
Version Upgrade Data	CDF File (”VSIXXXX” include it)
Personal Computer	WINDOWS 95® or 98®

<Connection>

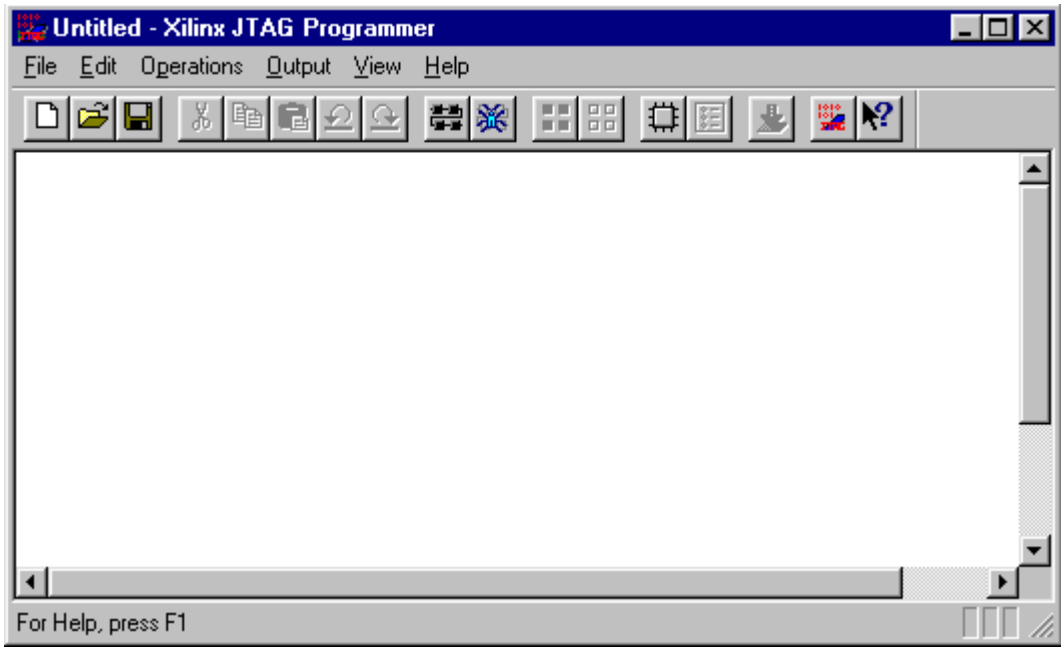
1. Connect the D-sub cable between CN401 connector of the CPLD WRITER and Personal Computer (Printer port).
2. Connect the CPLD WRITER Cable (VFK1590P4) between respective connector (Please refer to chart on page INF21) and P4 connector of CPLD WRITER.

NOTE: VFK1590P2 is accessory with VFK1590 and it can be order as service part.

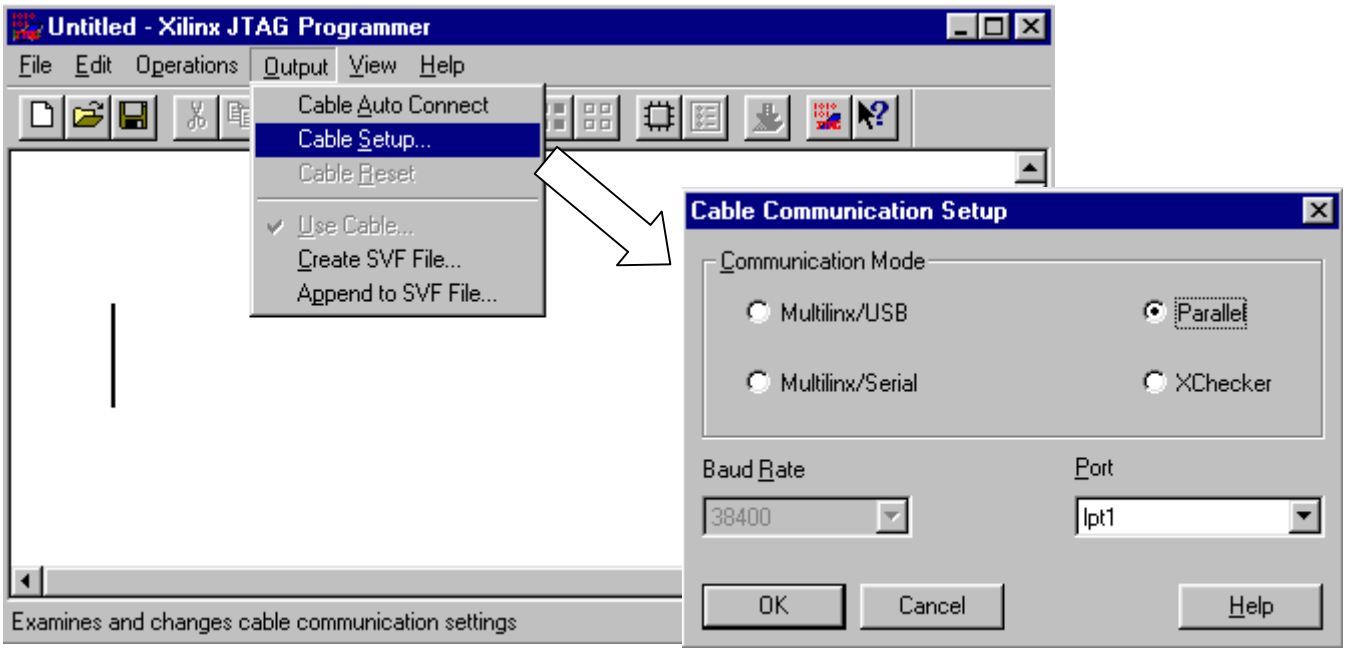
3. Turn on VTR and Personal Computer (Windows mode).

<Boot up the Version Up Software and Version Up Procedure>

1. After download the program, unpack the software. Click the start button of windows program **“Xlinx CPLD Webpack”**, then Device Program is boot up and following screen is appeared.



2. Click **“OUTPUT”** on the menu and select **“Cable Setup”**, then the **“Cable Communication Setup”** screen is open. Select **“Parallel”** on Communication Mode (**“Port”** is set to **“lpt1”** as default).

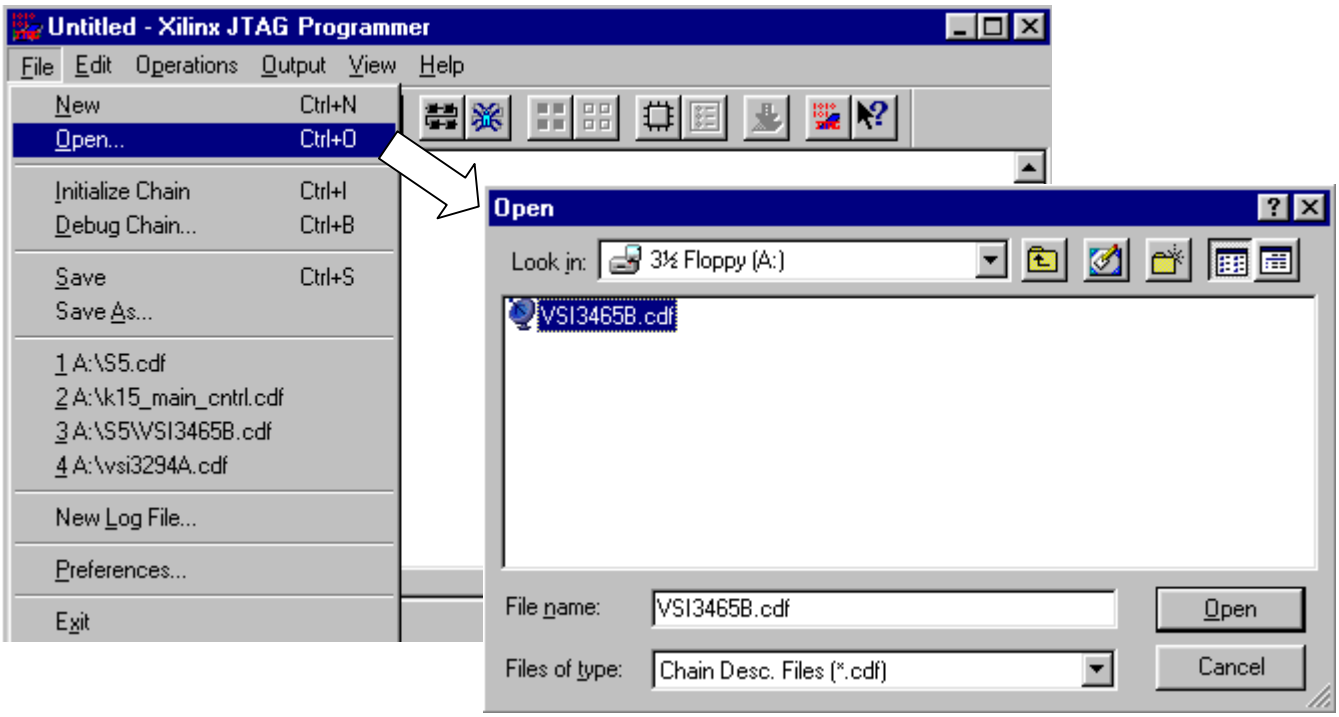


3. If connection is correct, message indicated below appears.

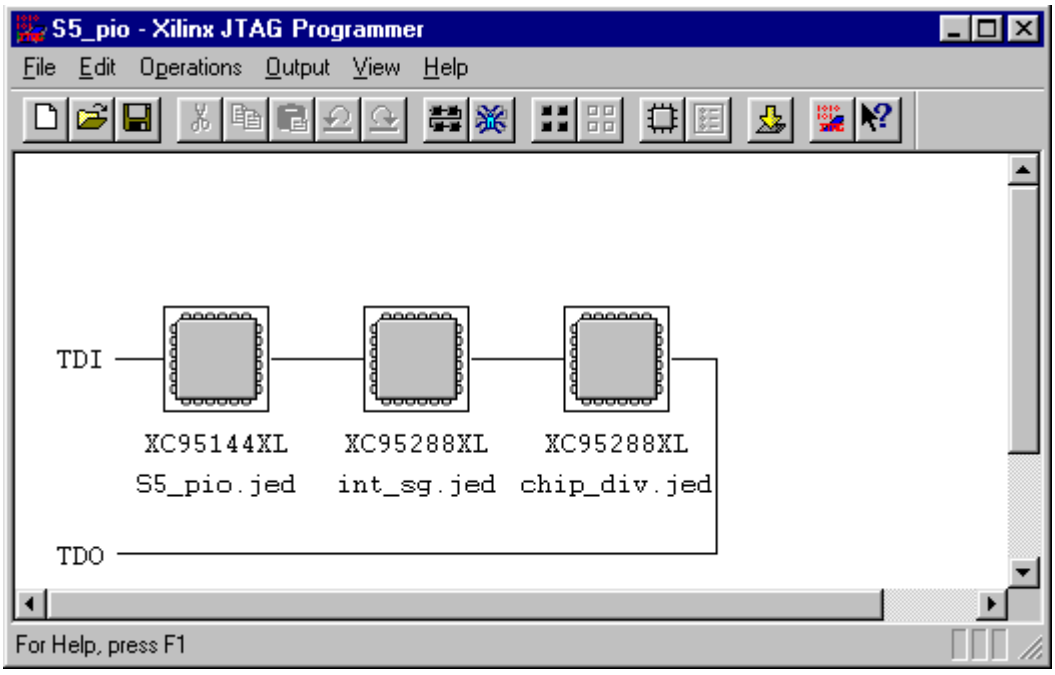


4. Click **“OK”** button.

5. Insert the update floppy disk into A drive.
6. ClicK **“FILE”** and **“Open”** and select the target file. This file is called Chain file, because one file can write several CPLDs like a chain.

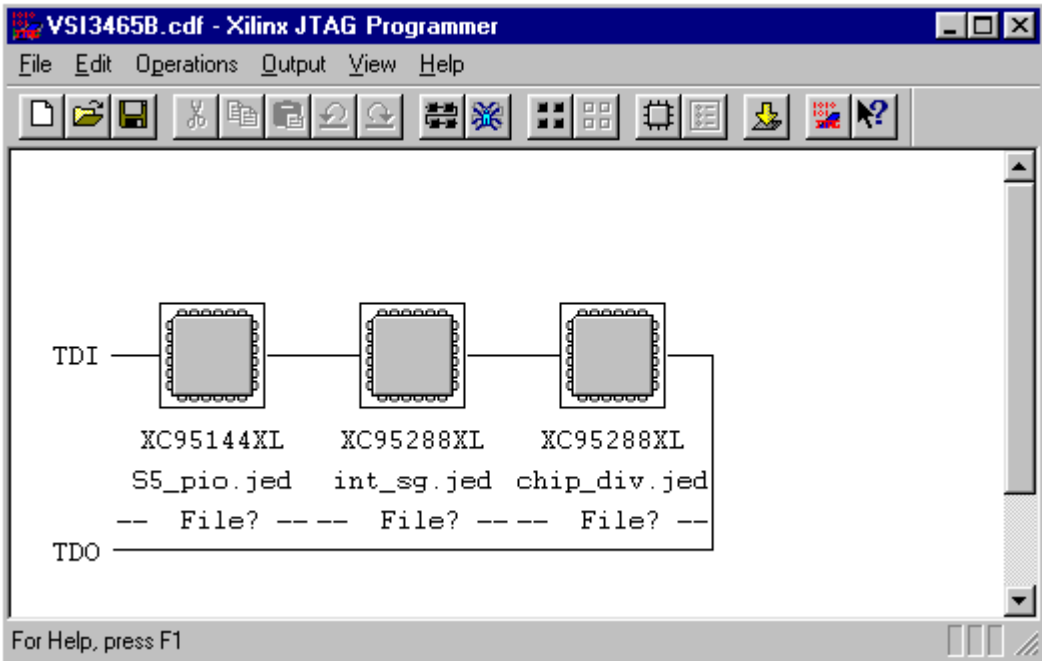


7. Click **“open”** button, then following screen appears.



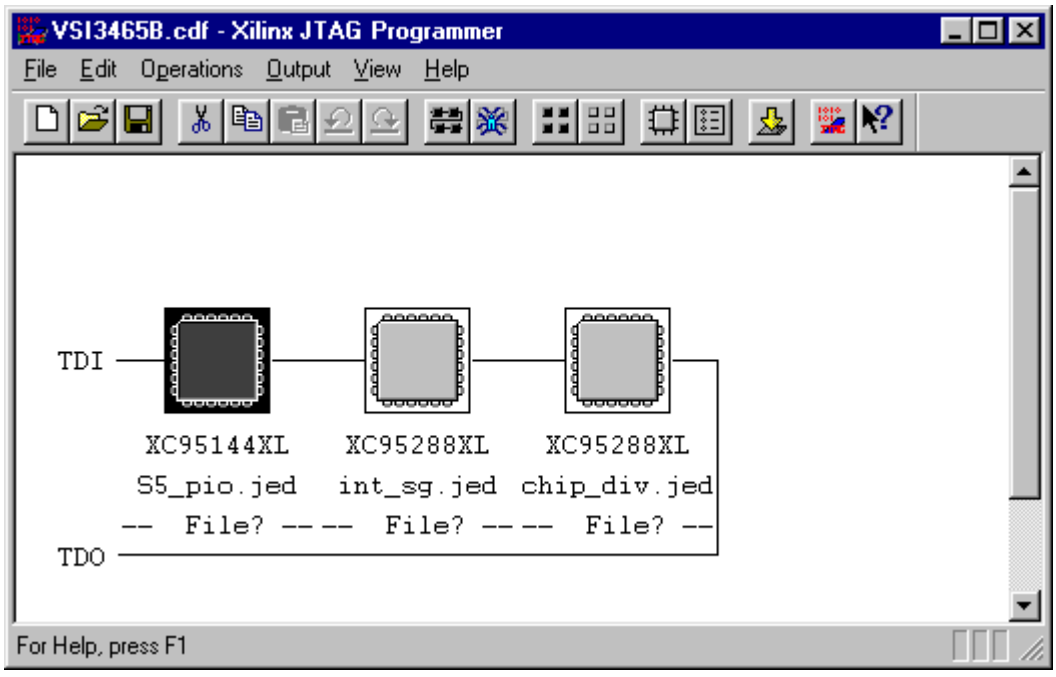
<NOTE: In case the file can not be loaded to Version Up software.>

At the procedure item 6 and 7, If file isn't loaded to Version Up software correctly, the word **"- - - File? - - -"** is displayed under IC mark as indicated below.

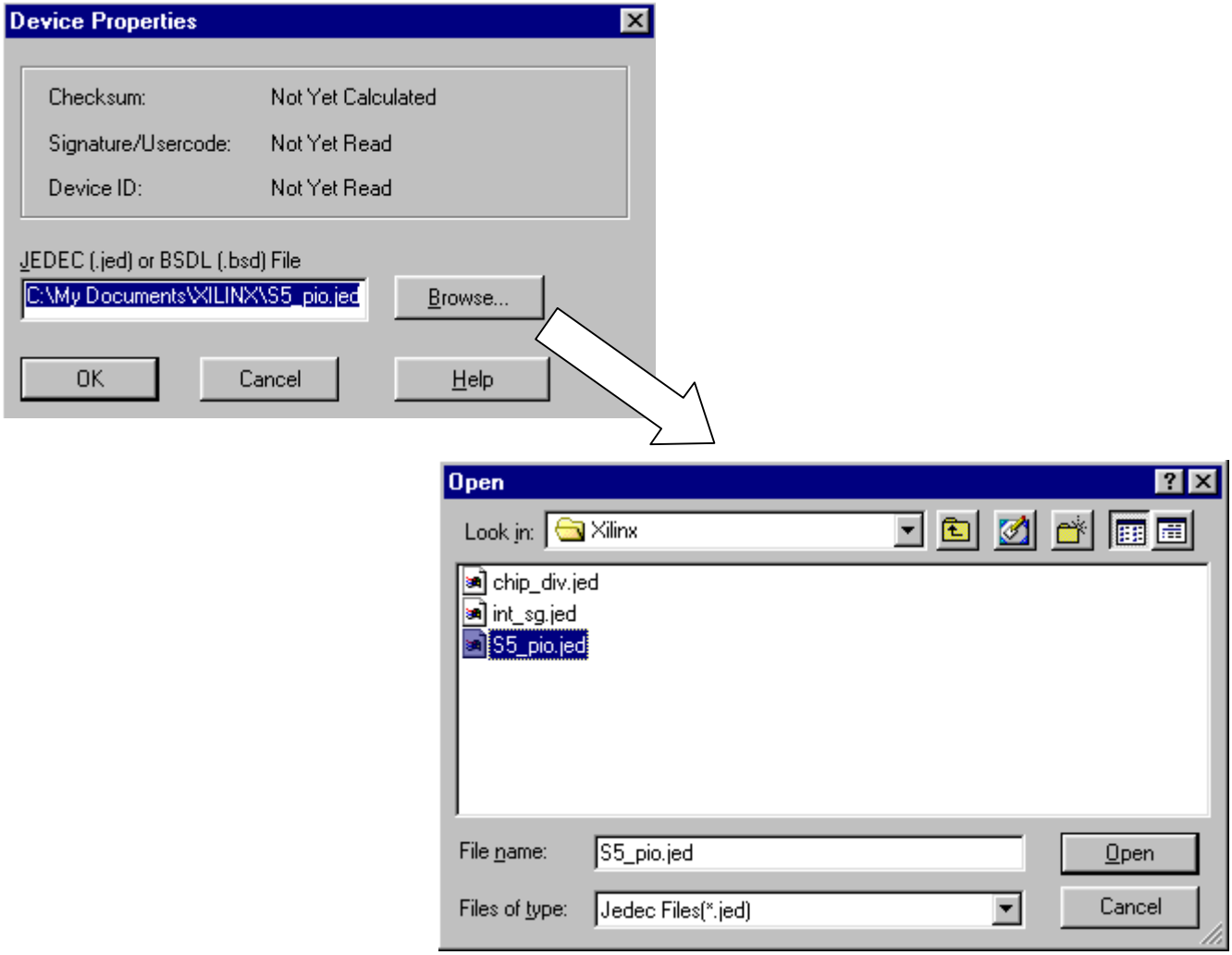


In this case the Version Up software does not detect file path. Please set file pass as follows.

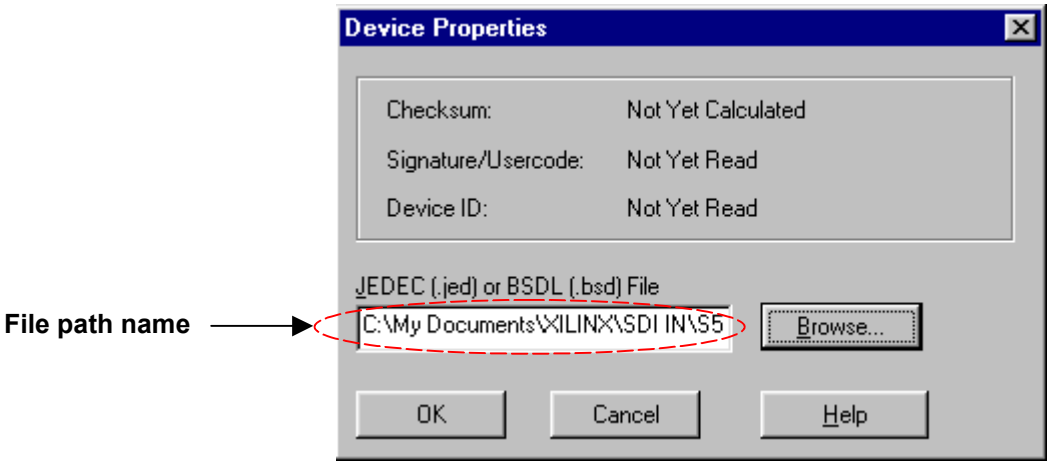
1. Click mark on IC, then cursor appears on IC mark.



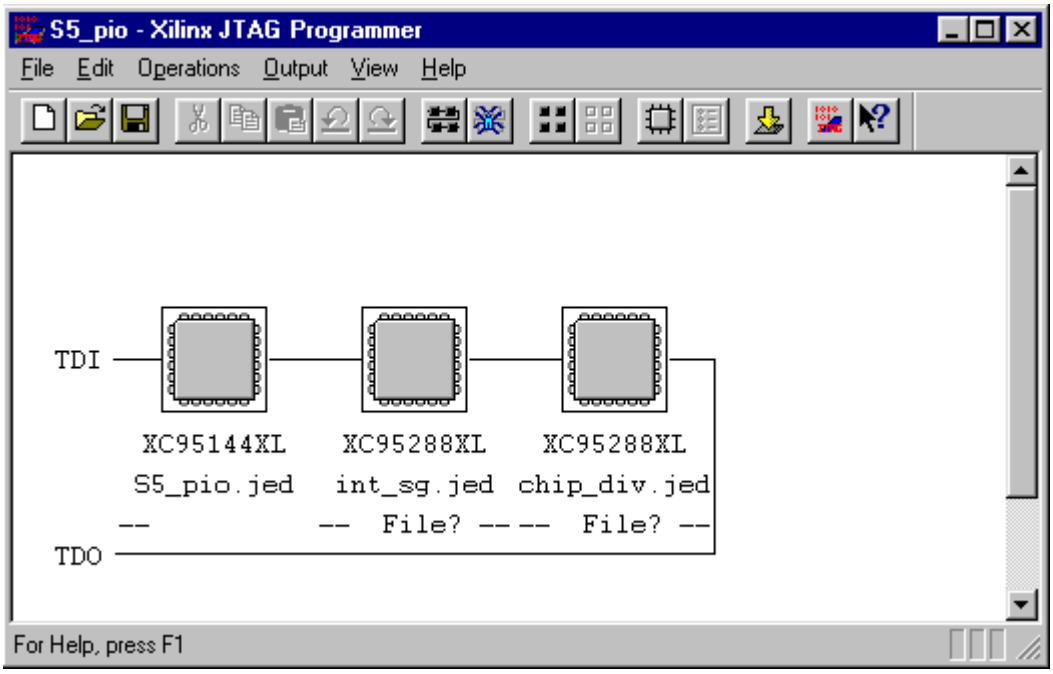
2. Double click to mark on IC in screen, then the **"Device Properties"** screen is opened and select **"Browse"** button to open screen.



3. Select target file and click **"open"** button.
4. Then **"Device Properties"** screen is opened and corrected file path is displayed. Click **"OK"** button.

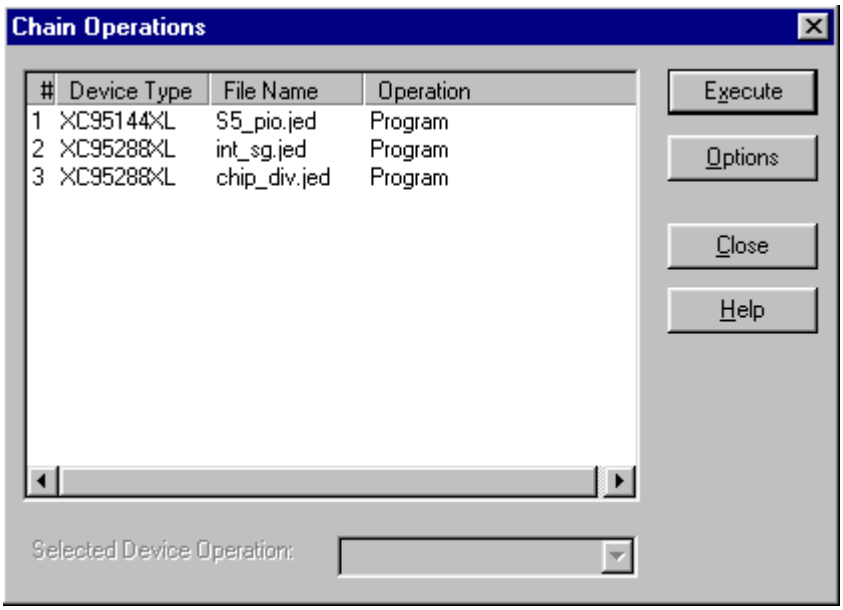


5. The word **“- - - File? - - -”** is disappeared as following screen.

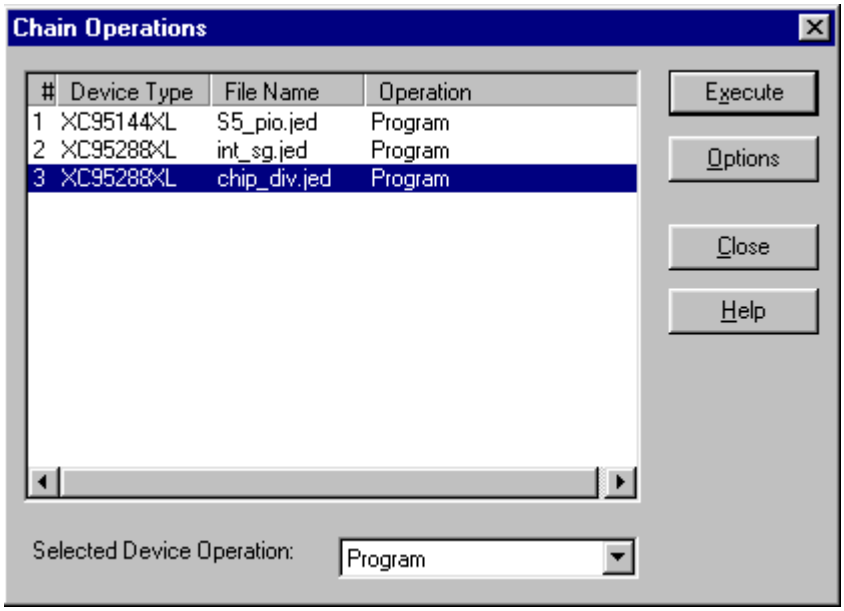


The same operation should be done to other IC.

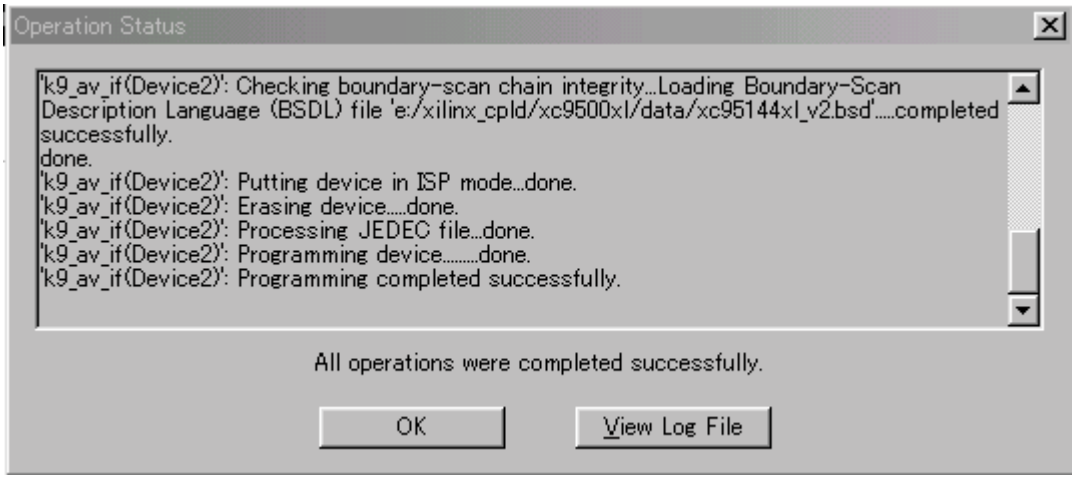
6. Then click **“Operations”** on the menu and select **“Chain Operation”**. Then following screen appears.



7. Select device in **“Device Type”** column and select **“Program”** on Selected Device Operation. This operation should be done to all files.



8. Turn power on of VTR.
9. Click **“Execute”** button and after completion of data writing the following message is displayed. **“All Operations were completed successfully”**.



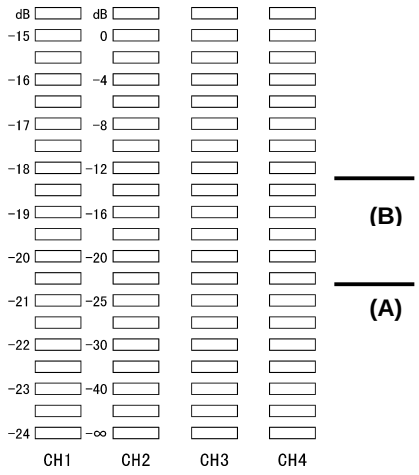
10. ERROR RATE DISPLAY & CONFIRMATION

10-1. DVCPRO HD-LP mode Error Rate Display & Confirmation (On Tracking Mode)

1. Set the DIP switch **SW4-1** on the rear of the front panel to **"ON"**.
2. Set **MODE** switch on the front panel to the position **"TAPE"**.
3. Press the **MENU** button.
4. Select **B00: RF ADJUST** -> **B-1: HD LP-PB ADJUST** -> **B26: ECC DISPLAY** in the service menu.
5. Set it to **HEAD**.
6. According to the setting of **B24: PB MODE** menu, heads for error rate display are changed.
7. Audio and Video can be switched by **TC** switch.
8. The error rate in the selected condition is displayed in the audio level meter.

TC SW	Error Rate Display
INT	VIDEO
EXT	AUDIO

Audio level meter



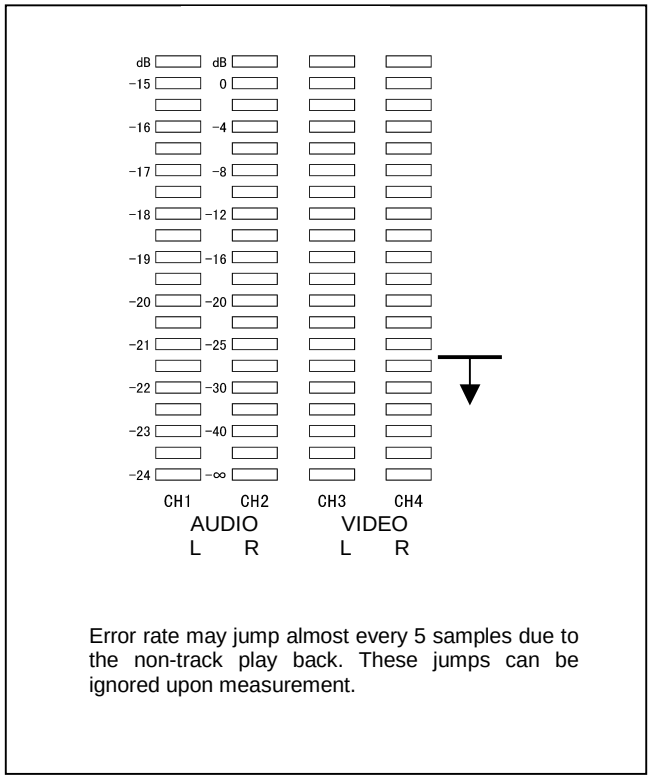
MODE	CH	CH	CH	CH	SPEC.
CNF	L1	L2	R2	R1	(A)
S CNF	L1	L2	R2	R1	(A)
RP	L1	L2	R1	R2	(B)
L13R24	L1	L3	R2	R4	(A)
L24R13	L2	L4	R1	R3	(A)

10-2. Other mode Error Rate Display & Confirmation (Non Tracking Mode)

1. Set the DIP switch **SW1-1** on the rear of the front panel to **“ON”**.
2. Set **MODE** switch on the front panel to **“TAPE”**.
3. Press the "**MENU**" button.
4. Select **B00: RF ADJUST** in the service menu.
5. Select the menu in the service according to the VTR mode.

DVCPRO HD (SP)	B-2 : HDSP ADJUST	➔	B22 : ECC DISPLAY = NORMAL
DVCPRO / 50	B-3 : SDSP ADJUST	➔	B22 : ECC DISPLAY = NORMAL
DV	B-4 : DVSP ADJUST		

6. According to the setting of **B24: PB MODE** menu, heads for error rate display are changed.
7. Set **TC** switch on the front panel to the position **"INT"**.
8. The error rate in the selected condition is displayed in the audio level meter.



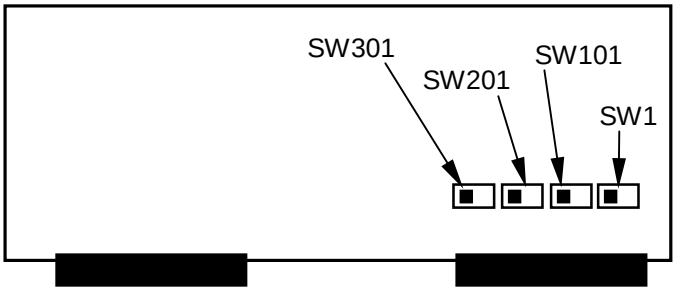
Error rate may jump almost every 5 samples due to the non-track play back. These jumps can be ignored upon measurement.

11. INTERNAL SWITCH SETTING

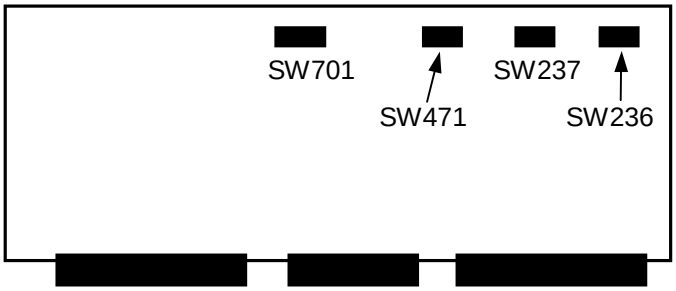
The setting contents for the setting switches on each circuit board are shown below.
The switches “Factory use only” must be set to the “factory setting”.

BOARD	Ref. No.	SW	FACTORY SETTING	FEATURE
F1: A ADDA	SW4001	–	600	CH1 Audio input impedance setting(600 Ω / HIGH)
	SW4101	–	600	CH2 Audio input impedance setting(600 Ω / HIGH)
	SW4201	–	600	CH3 Audio input impedance setting(600 Ω / HIGH)
	SW4301	–	600	CH4 Audio input impedance setting(600 Ω / HIGH)
F6: SYSCON	SW701	1-8	OFF	Factory use only
	SW471	1-4	OFF	Factory use only
	SW237	1-4	OFF	Factory use only
	SW236	1-5	OFF	Factory use only
		6-7	OFF	Not Used
		8	OFF	Factory use only
FRONT CPU	SW1	1	OFF(normal)	NORMAL / SERVICE MODE
		2-4	OFF	Not Used
H3: CUE	SW4101		HIGH	Cue input impedance setting (600 Ω / HIGH)
	SW1	1-4	OFF / ON	REC EQ SEL.1-4 (refer to 9-10 CUE REC/PLAY Frequency Response Adjustment)
	SW2	–	NORM	Dolby N.R (NORMAL / TEST)
	SW4201	1	FS-18, 20	Recording level setting (FS-18, 20 / FS-12)
		2	HIGH	Cue output impedance setting (600 Ω / HIGH)
H4/H5: RFEQ	SW51	–	2-3 short	Factory use only

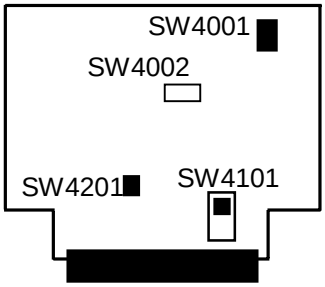
F1: A ADDA Board



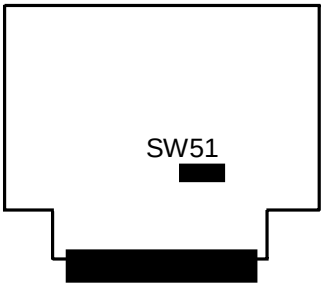
F6: SYSCON Board



H3: CUE Board



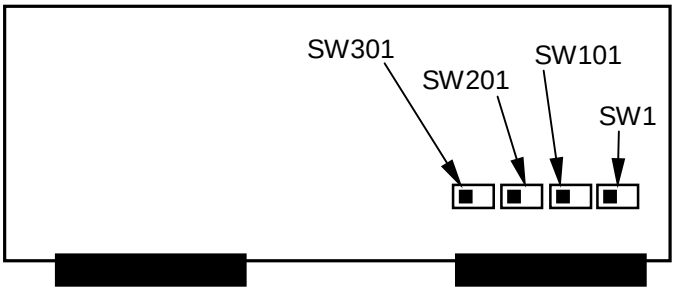
H4/H5: RFEQ Board



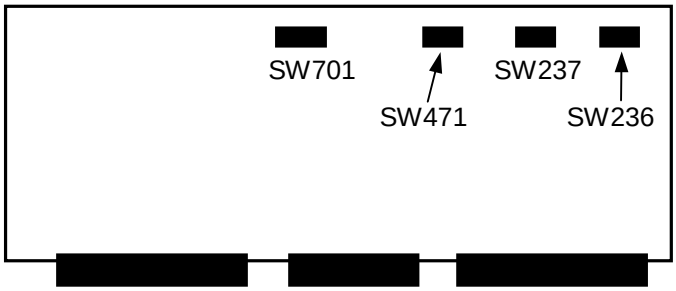
12. INTERNAL LED INDICATION

Circuit board	Ref. No.	Function
F5: SDI	D151	HD SDI input detection. (ON: input, OFF: no input)
	D152	HD SDI error detection (ON: error)
F6: SYSCON	D591	IF microcomputer process (FLASH: good)
	D641	SYSCON microcomputer process (FLASH: good)
	D701	DV microcomputer process (FLASH: good)
	D237	AV microcomputer process (FLASH: good)
F7: SERVO	D2450	Capstan servo lock (ON: locked, OFF: Unlocked)
	D2451	Cylinder servo lock (ON: locked, OFF: Unlocked)
	D2452	SERVO microcomputer process (FLASH: good)

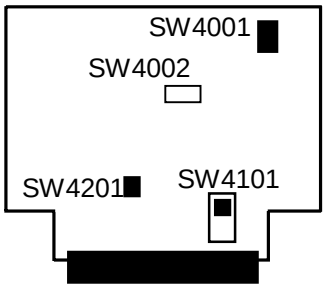
F1: A ADDA Board



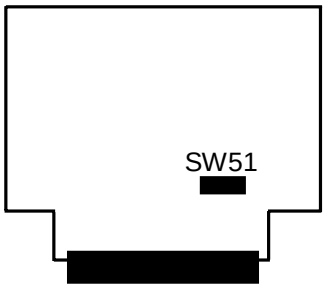
F6: SYSCON Board



H3: CUE Board



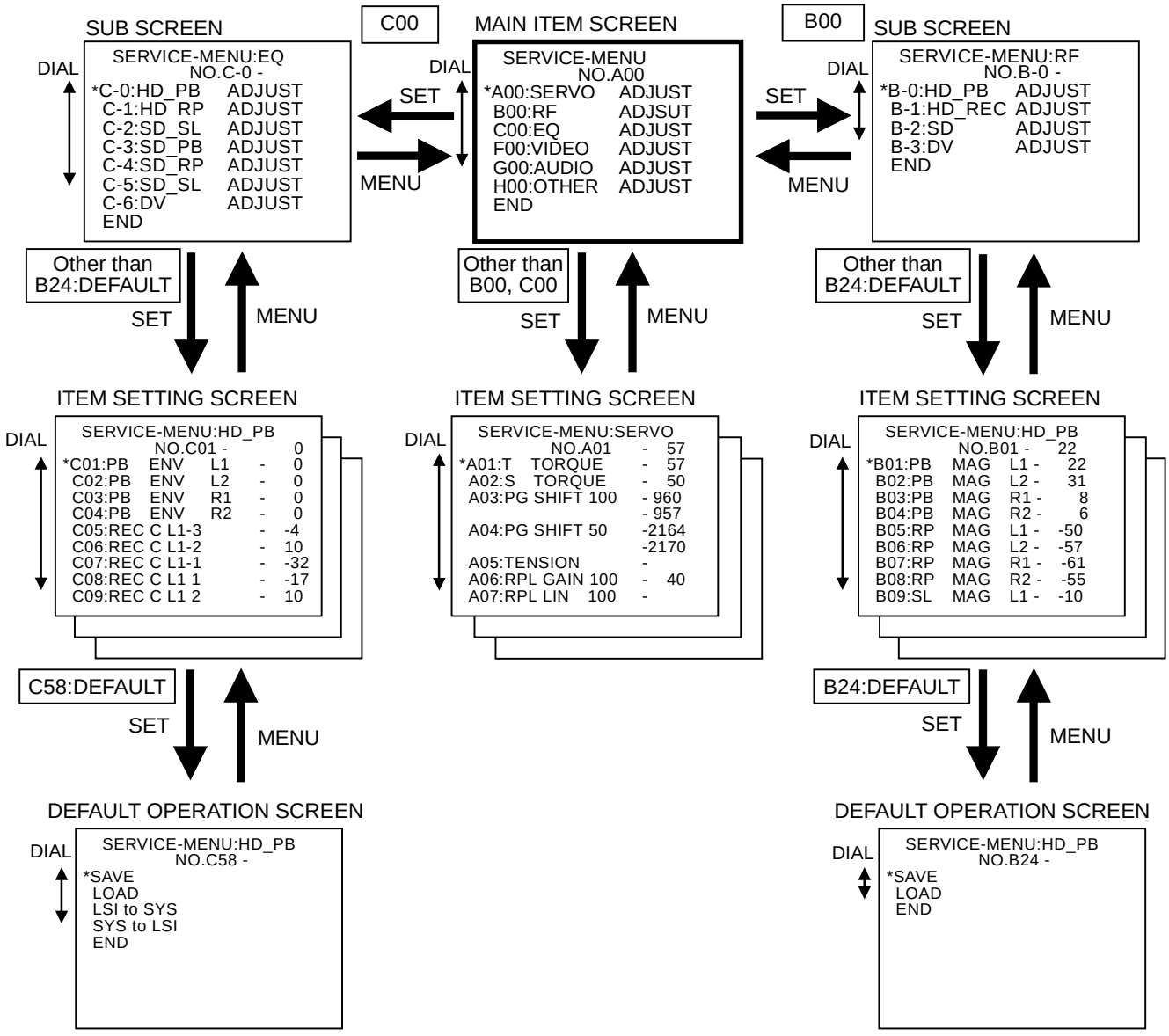
H4/H5: RFEQ Board



13. SERVICE MENU

13-1. Service Menu Operation Method

1. Confirm that the "**REMOTE/LOCAL**" switch on the front panel is set to **LOCAL**.
2. Set the DIP switch **SW1-1** at the rear of the front panel to **ON**.
3. Press the "**MENU**" button on the front panel to display the following service menu (main item selection mode) on the monitor.
4. Turn the **SEARCH** dial to move the cursor **"∗"** for selection of one of the main items from A00 to H00.
5. When a main item **(A00, F00, G00, H00)** other than RF adjustment **(B00)** and EQ adjustment **(C00)** has been selected and the "**SET**" button on the front panel is pressed, the item setting window for the selected main item will be opened.
6. RF adjustment **(B00)** and EQ adjustment **(C00)** has a sub-menu composition. When the "**RF ADJUST sub-menu**" is selected and the "**SET**" button is pressed, the selected item setting menu (or the DEFAULT operation menu) will be opened.
7. In either case, return to the previous menu is possible by using the "**MENU**" button.
8. In the item setting menu (or the DEFAULT operation menu), the setting contents can be changed by moving the cursor **"∗"** with the **SEARCH** dial and then turning the **SEARCH** dial while the **SEARCH** button is pressed. (However, refer to the contents of the service menu, as the setting operation may differ according to the item.)



13-2. Default Operation Method

13-2-1. RF Adjustment (B00)

In RF adjustment it is possible to save the set values to an area different from the memory area (Back up memory) for the present set values. It is possible to load these saved set values to the present set values. This operation is effective only after loading completion.

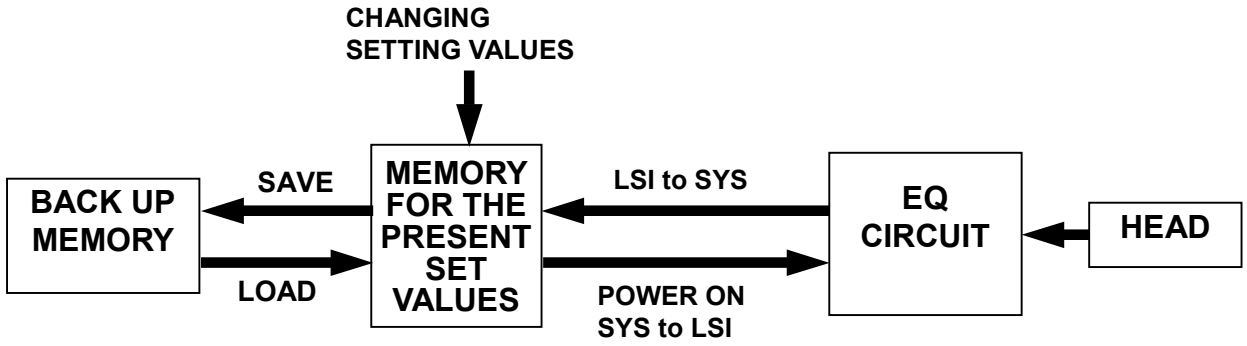
Operation procedure

1. Move the cursor **“.” to the B24: DEFAULT** position.
2. Press the “**SET**” button on the front panel.
3. Turn the **SEARCH** dial and move the cursor “.” to the item for the desired operation.
   SAVE: The present set value will be saved as the factory default adjustment value.
   LOAD: The saved factory default adjustment value will be loaded as the present set value.
   (When no SAVE operation has been performed, the initial value will be loaded.)
4. When the “**SET**” button is pressed, the selected operation will be performed and the display will return to the item setting screen.
   When the “**MENU**” button is pressed, no operation will be performed and the display will return to the item setting screen.

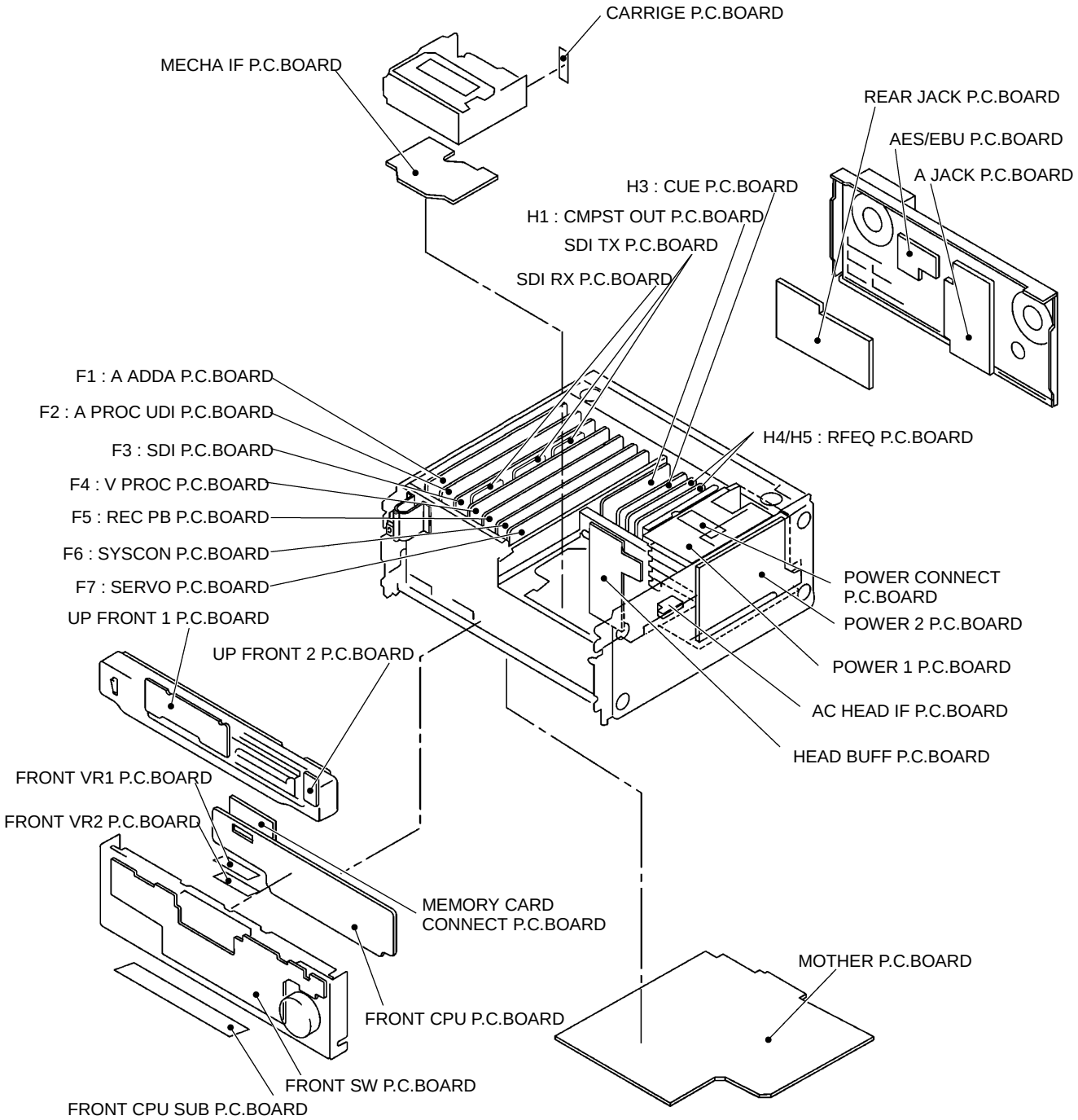
13-2-2. EQ Adjustment (C00)

In EQ adjustment it is possible to save the set values to an area different from the memory area (Back up memory) for the present set values as same as 13-2-1 RF Adjustment. It is possible to load these saved set values to the present set values. This operation is effective only after loading completion. Operation procedure is same as 13-2-1 RF Adjustment. (by using C59: DEFAULT)

Automatic adjustment data can be transmitted to the set value memory by using the "LSI to SYS" in the "C59:DEFAULT" menu. In general, data in the set value memory are changed only when any adjustment value is modified through the service menu or the "LSI to SYS" is executed. When power is started to be supplied, data from the set value memory are transmitted, and used for the automatic adjustment of the play back of tapes as the standard value (center value). For the quick automatic adjustment after the removal of an old head, the data in the set value memory must have characteristics appropriate for a new head. "SYS to LSI" is the function to recall old data in the memory and return them to the data before execution, and usually, it is not used.



14. CIRCUIT BOARD LAYOUT



SECTION 2

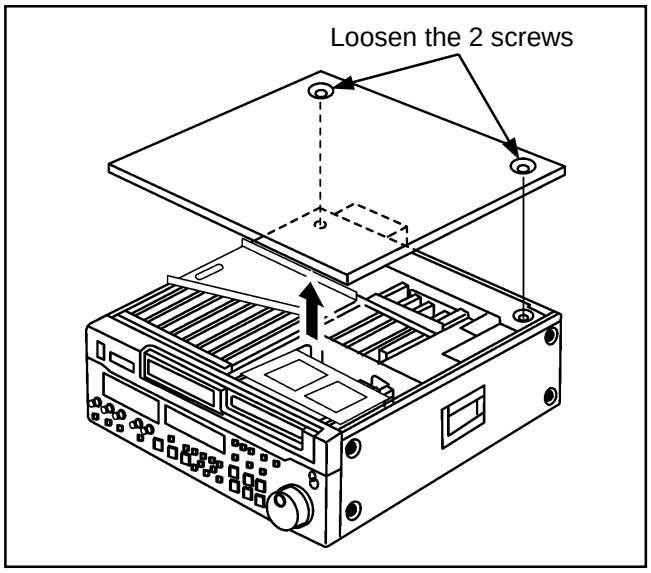
DISASSEMBLY PROCEDURES

CONTENTS

1. Removal of the Top Panel DIS-1
2. Removal of the Bottom Panel DIS-1
3. Removal of the Lower Front Panel DIS-1
4. Removal of the Upper Front Panel DIS-1
5. Removal of the Front Loading Unit DIS-2
6. Removal of the Power Supply Unit DIS-2
7. Removal of the Mechanism Unit DIS-3
8. Removal of the Fan Motor DIS-4

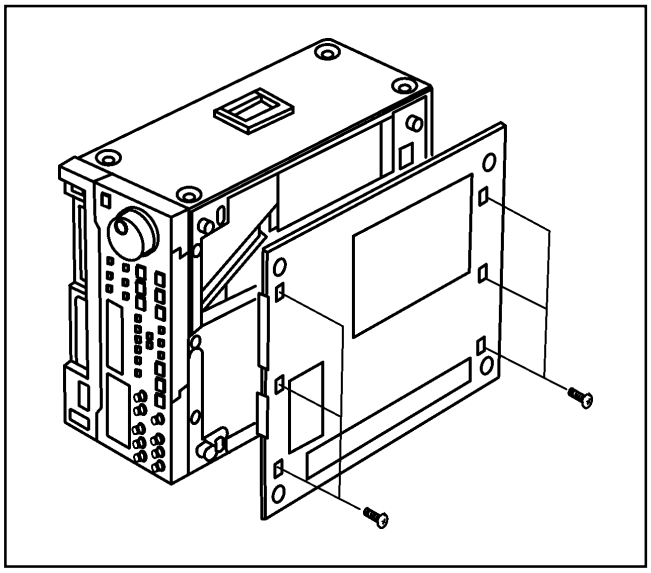
1. Removal of the Top Panel

1. Loosen the 2 screws and remove the Top Panel.



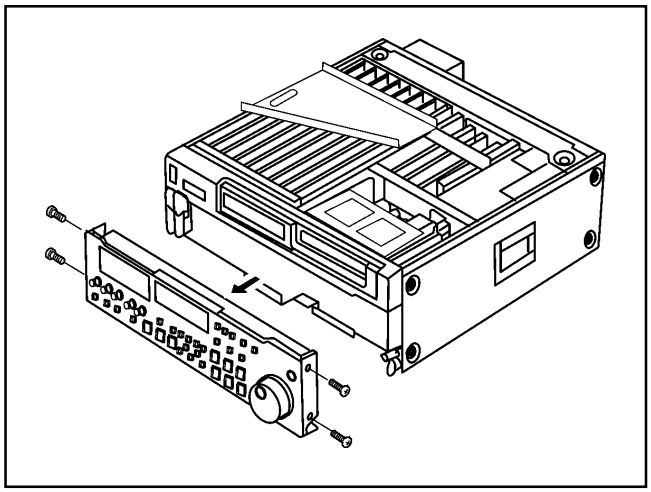
2. Removal of the Bottom Panel

1. Unscrew the 6 screws and remove the Bottom Panel.



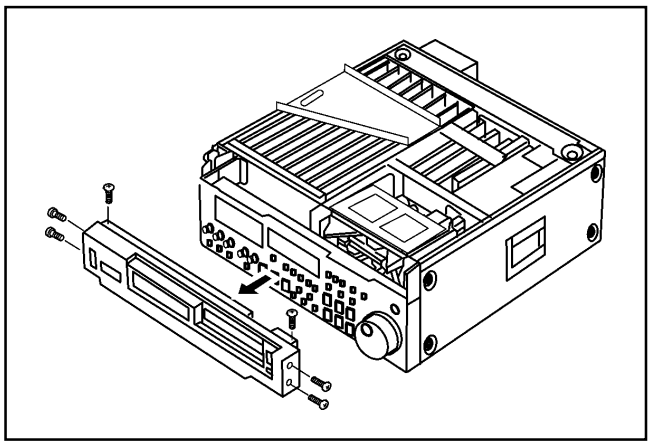
3. Removal of the Lower Front Panel

1. Unscrew the 4 screws on the both sides. Then draw it and remove the connector, and remove the Front Panel.



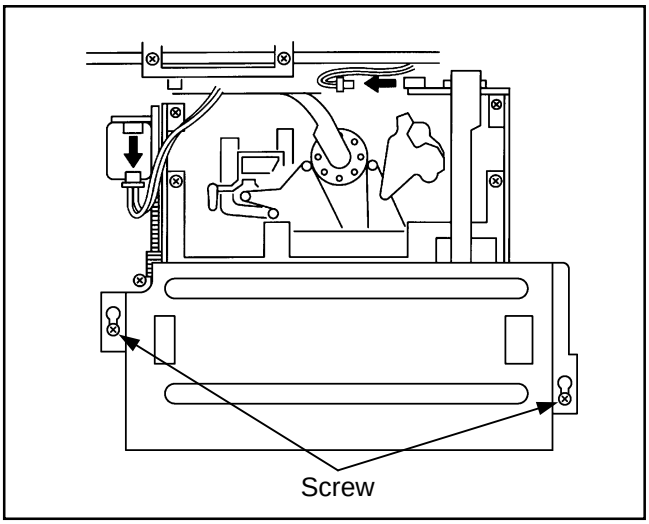
4. Removal of the Upper Front Panel

1. Unscrew the 4 screws on the both sides and 2 screws on the top side, then draw the Upper Front Panel.

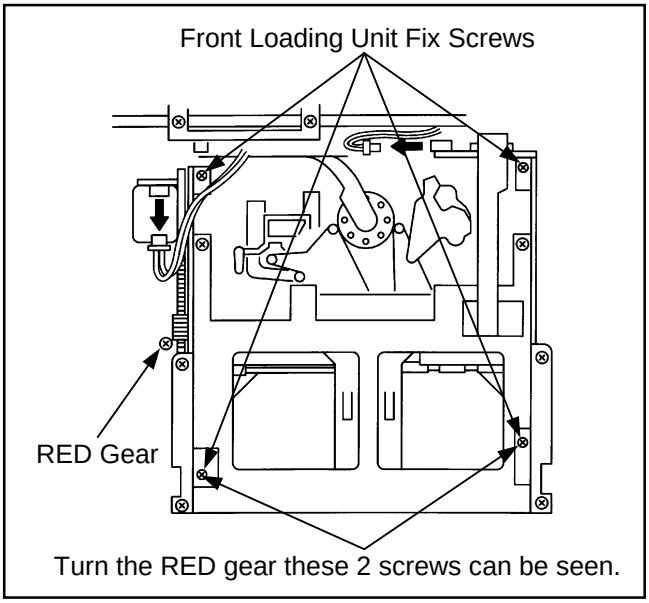


5. Removal of the Front Loading Unit

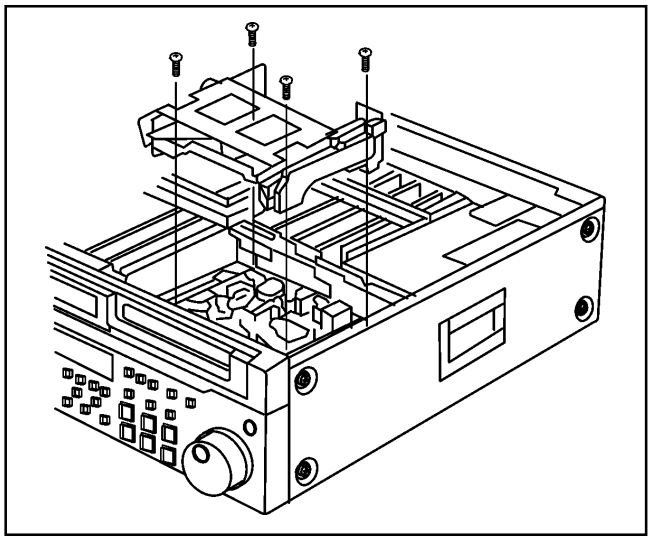
1. Loosen the 2 screws, slide and remove the Carriage Support Panel.



2. Disconnect the connectors on the front loading motor and interconnection board. Then turn the emergency RED gear to counterclockwise until the screws which fix Front Loading Unit can be seen.

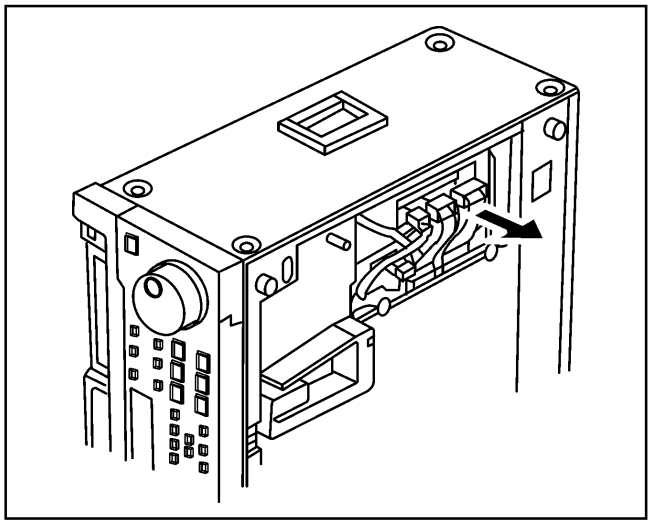


3. Unscrew the 4 screws of the Front Loading Unit as shown below.

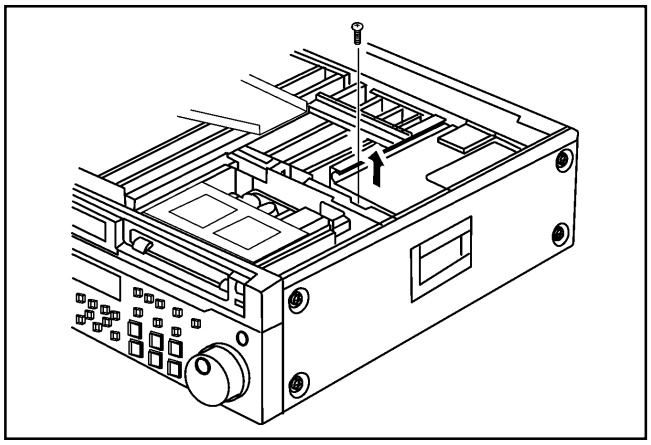


6. Removal of the Power Supply Unit

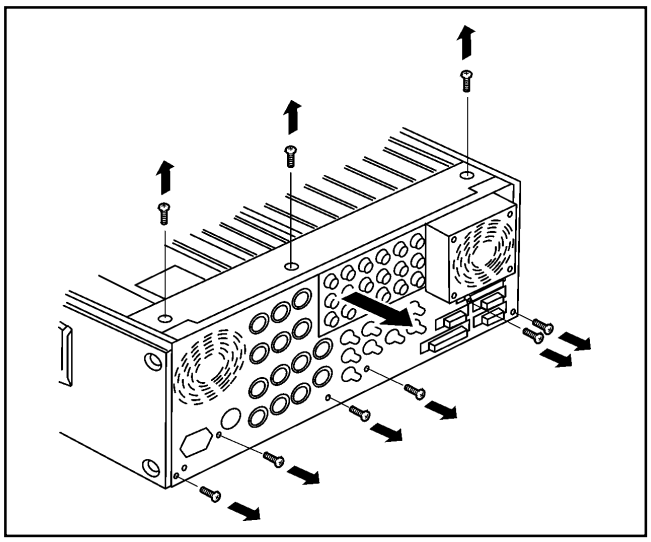
1. Disconnect the 5 connectors with the Power Supply Unit on the VTR bottom side.



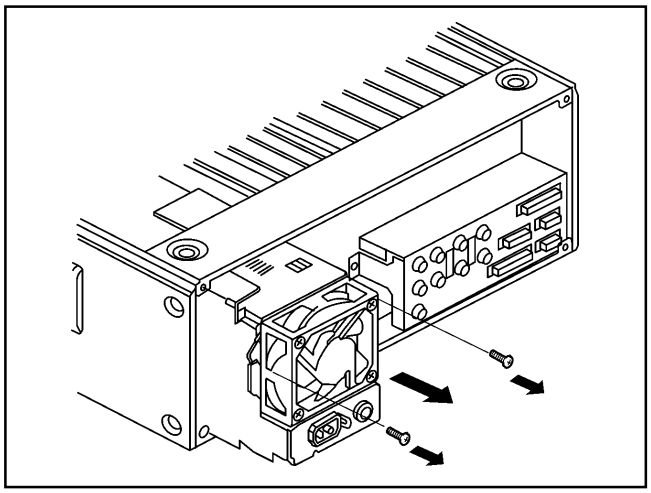
2. Unscrew a screw with the Power Supply Unit on the VTR top side.



3. Unscrew the 9 screws and remove the Rear Jack Panel Unit.

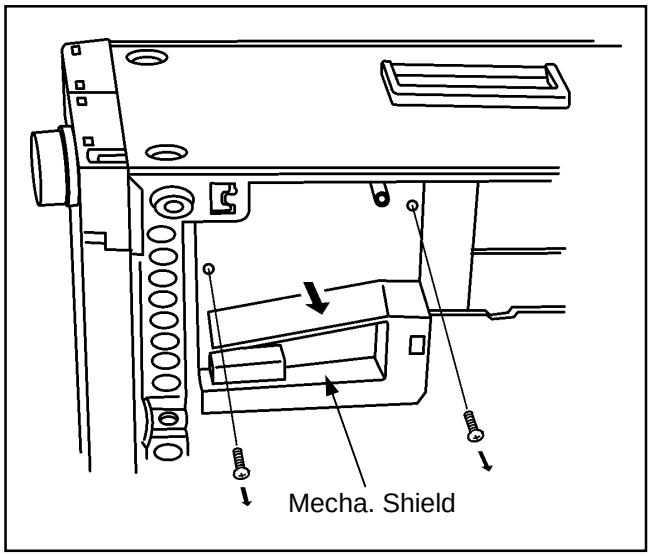


4. Unscrew the 2 screws on the Rear Jack Panel Unit which are used to fix the Power Supply Unit.

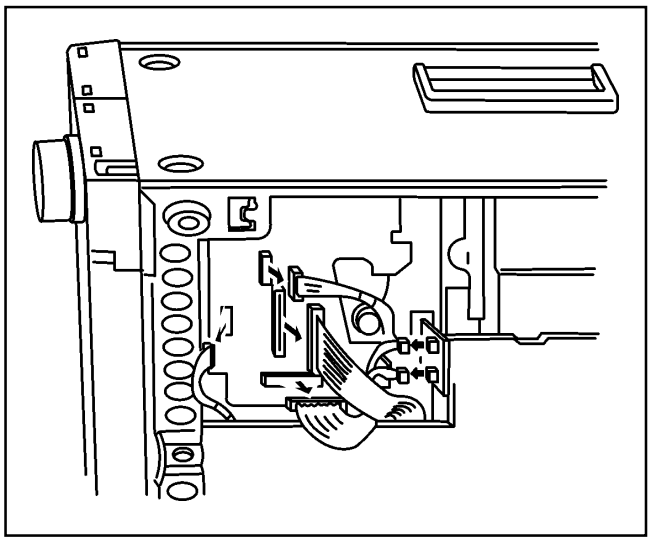


7. Removal of the Mechanism Unit

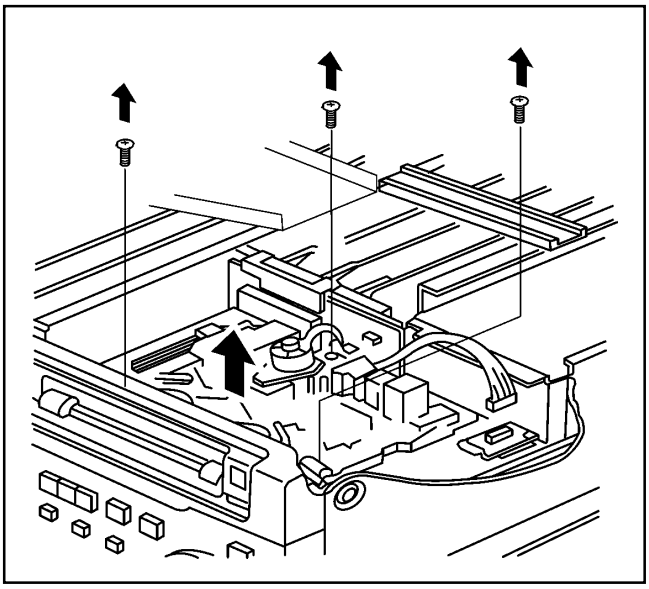
1. Remove the Front Loading Unit.
2. Unscrew the 2 screws with the Mecha. Shield on the VTR bottom side.



3. Disconnect the 4 connectors (on the MECH. I/F Board), and disconnect the 2 cables (on the HEAD BUFF 100 Board) on the VTR bottom side.

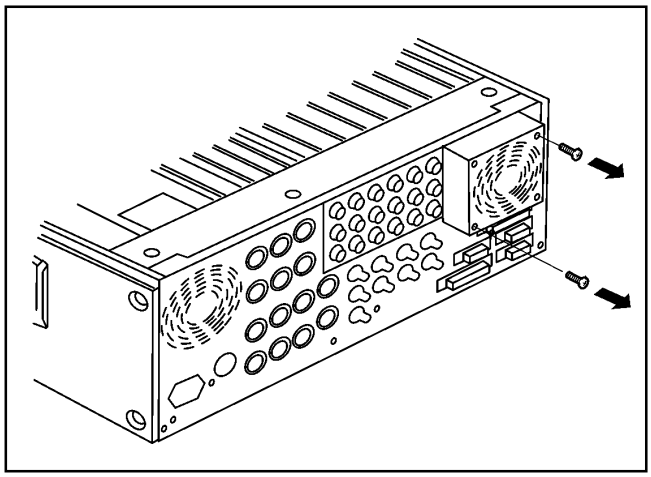


4. Disconnect a connector (on the A/C HEAD I/F Board), and disconnect a cable (on the HEAD BUFF 100 Board) on the VTR front side.

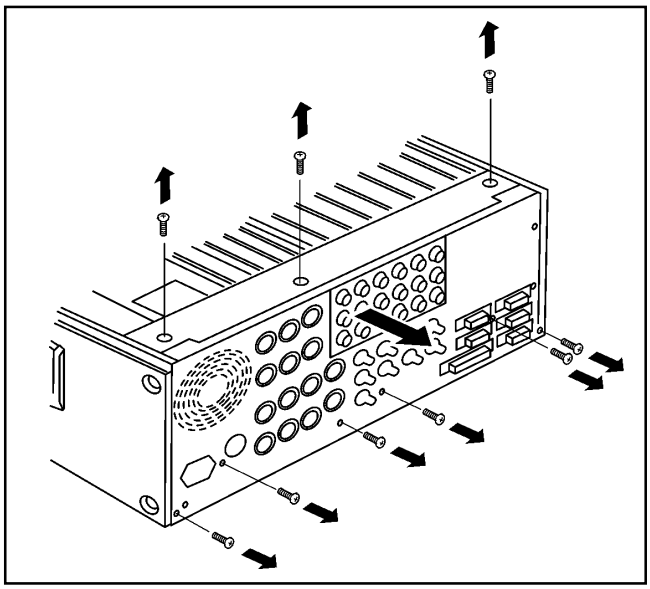


8. Removal of the Fan Motor

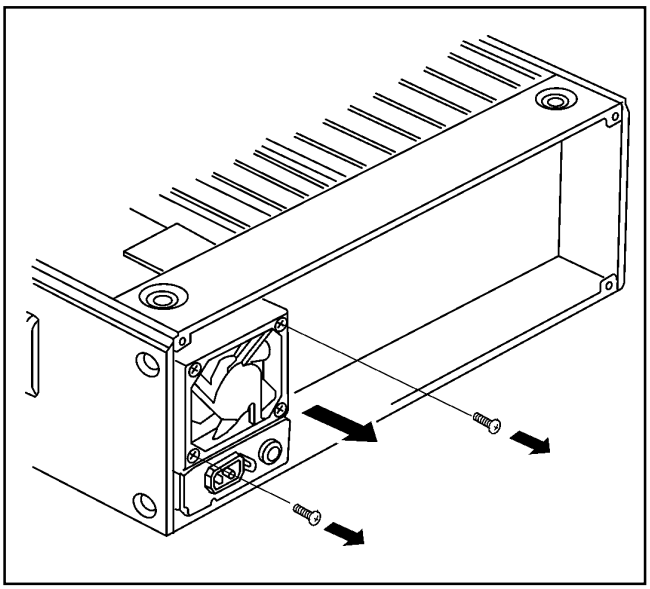
1. Unscrew the 2 screws and disconnect a connector (on the MOTHER Board), then remove the right side Fan Motor.



2. Unscrew the 9 screws and remove the Rear Jack Panel Unit.



3. Unscrew the 2 screws and disconnect a connector (on the POWER 2 Board), then remove the left side Fan Motor.



SECTION 3

MECHANICAL ADJUSTMENT

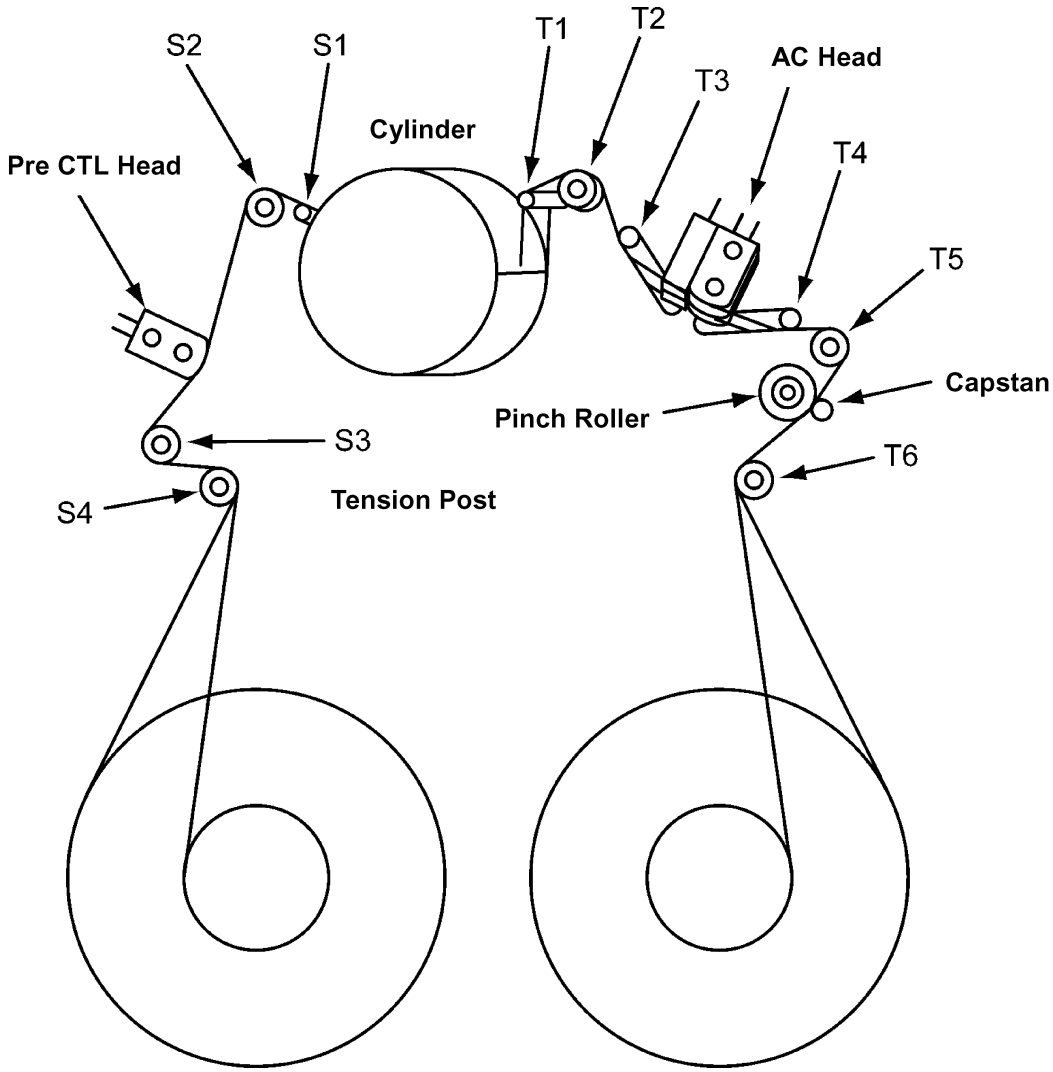
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1. Mechanical Adjustment

Name of Tape Transportation



1-1. Post Driver Specification

The Post Driver (VFK1149) is not fitted with S2, S3, S4, T2, T5 and T6 posts. Grind the tip of Post Driver as shown in the figure, or obtain the new type of the Post Driver (VFK1149A).

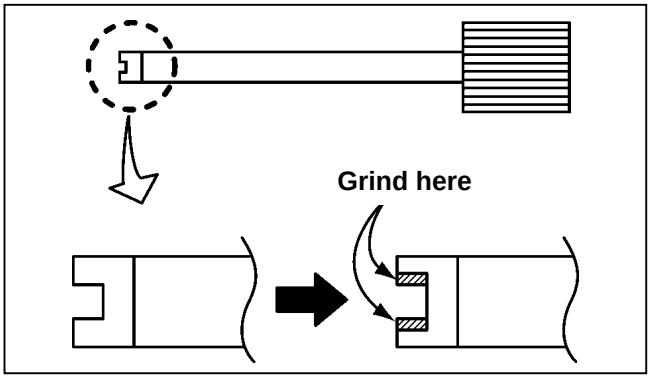


Figure 1-1-1

1-2. Post Height Pre-Adjustment

MODE	EJECT (POWER OFF)
TOOL	VFK1586 (Mech. Neutral Plate) VFK1154 (Post Height Fixture) VFK1149A (post Driver)

1. Confirm that the Reel Table is positioned for M-Cassette and turn the power OFF.
2. Remove the Front Loading Unit and install the Mech. Neutral Plate.
3. Put the Post Height Fixture (VFK1154) on the Mech. Neutral Plate, and adjust the Upper Limit and Lower Limit as shown in figure 1-2-1.
4. Adjust the S3 and T5 Post Height to the lower limit under the loading condition.
5. Adjust the S4 and T6 Post Height to the lower limit, and turn them 1/4 rotation clockwise in order to realize ‘ Lower limit – 0.05mm’.

Post Name	Limit
S3 Post	Lower Limit
S4 Post	Lower Limit - 0.05mm
T5 Post	Lower Limit
T6 Post	Lower Limit -0.05mm

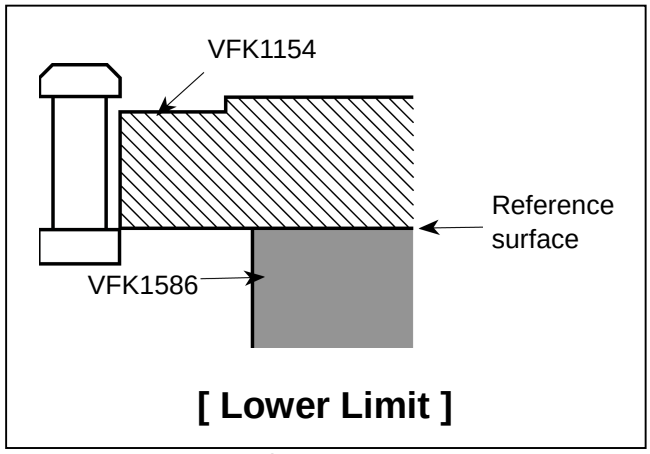


Figure 1-2-1

1-3. Photo Sensor Voltage Adj.

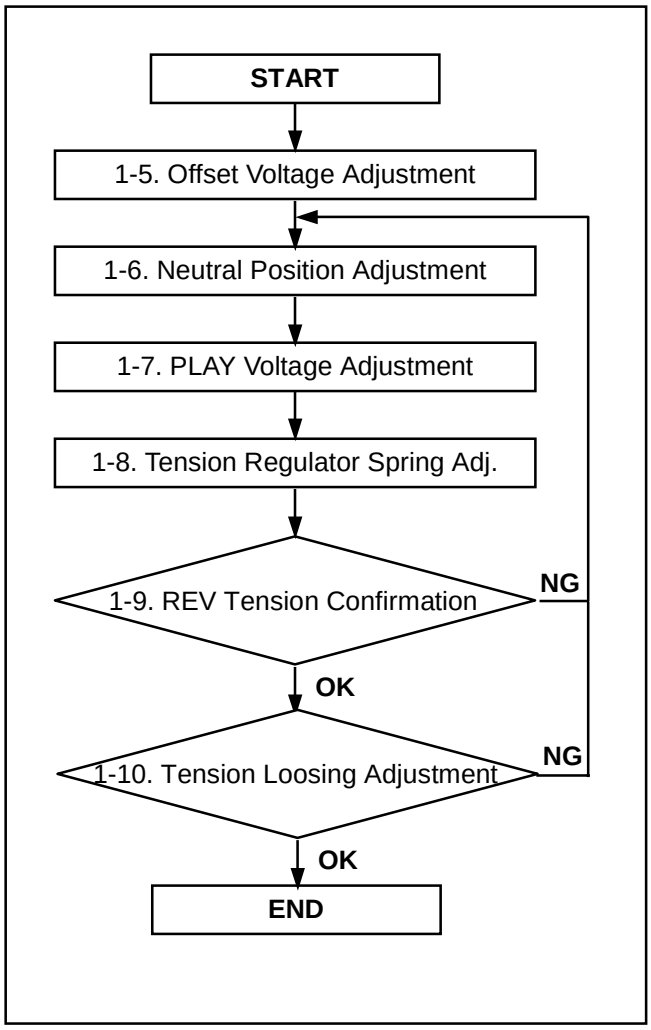
TP	T-side : P6002-25B (SYSCON Board : F6) S-side : P6002-25A (SYSCON Board : F6)
ADJ.	T-PHOTO : VR100 (Mech. I/F Board) S-PHOTO : VR101 (Mech. I/F Board)
MODE	STOP
TAPE	VFK1423 (Tape BEG./END Detect Adjustment Cassette)
M.EQ	Oscilloscope
SPEC.	3.1V to 4.2V

1. Open the “SERVO ADJUST” menu in the Service Menu and select the item “A04 : PHOTO”.
2. Insert the Tape BEG./END Detect Adjustment Cassette Tape (VFK1423).
3. Adjust the sensor voltage with the VR100 and VR101 on Mech. I/F board so that the voltage A is within the specification on both S and T sides.
4. Move the cursor to elsewhere in the menu and eject the cassette.



Figure 1-3-1

1-4. Tension Adj. Flow Chart



1-5. Tension Arm Offset Voltage Adjustment

TP	TP201 : SERVO Board
ADJ.	VR1 : Mech. I/F Board
MODE	EJECT (POWER OFF)
M. EQ	Digital Volt Meter
SPEC.	2.5 V ± 0.05 V

1. Place the unit in the EJECT mode and measure the voltage at TP201.
2. If it is out of specification, adjust the VR1.

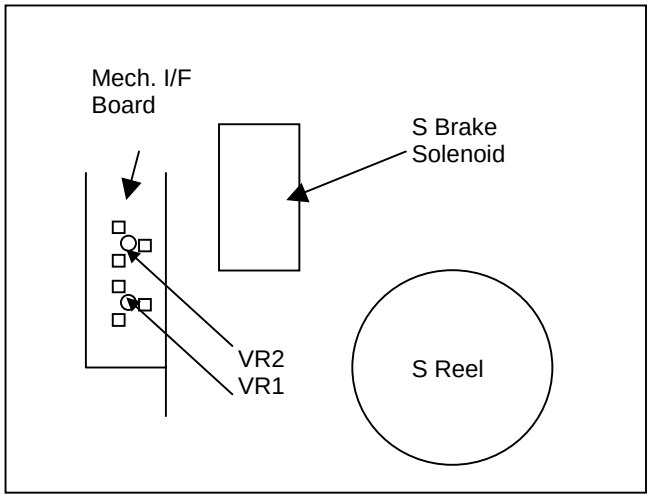


Figure 1-5-1

1-6. Tension Arm Neutral Position Adjustment

TP	TP201 : SERVO
ADJ.	Tension Regulator Board Base position (Tab D)
VTR MODE	STOP
ADJ. MODE	" TENSION" (Service Menu)
TOOL	VFK1587 (NEUTRAL Position Fixture) Digital Volt Meter
SPEC.	2.5 V ± 0.1 V

1. Unscrew the 2 screws and remove the Carriage Support Panel on the Front Loading Unit.
2. Disconnect the Flexible Cable connected to the connector P3 on the Carriage Board.
3. Unscrew the 6 screws as shown in figure 1-6-1, and remove the Top Plate of the Front Loading Unit.
4. Install the VFK1587 (NEUTRAL Position Fixture) as shown in figure 1-6-2.
5. Open the "SERVO ADJUST" menu in the Service Menu and select the item "TENSION". Turn the JOG dial while holding down the SEARCH button to place the unit in No Tape Loading condition.
6. Adjust the base position of Tension Regulator Board so that the TP output is within the specification.
7. To adjust the base position of Tension Regulator Board, loosen the screw (A) and move the lever (D) by using the antimagnetic driver. To fix the base, tighten the screw (A).

NOTE :
Do not touch the magnetic driver to S-Reel FG magnetized portion.

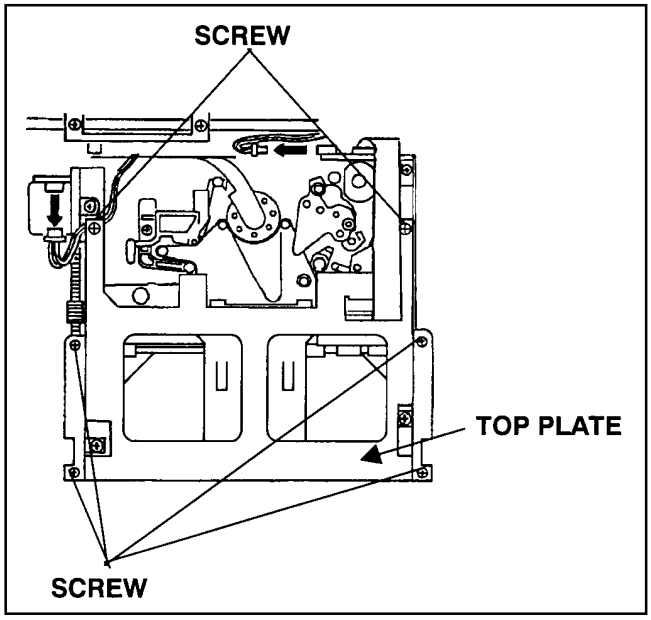


Figure 1-6-1

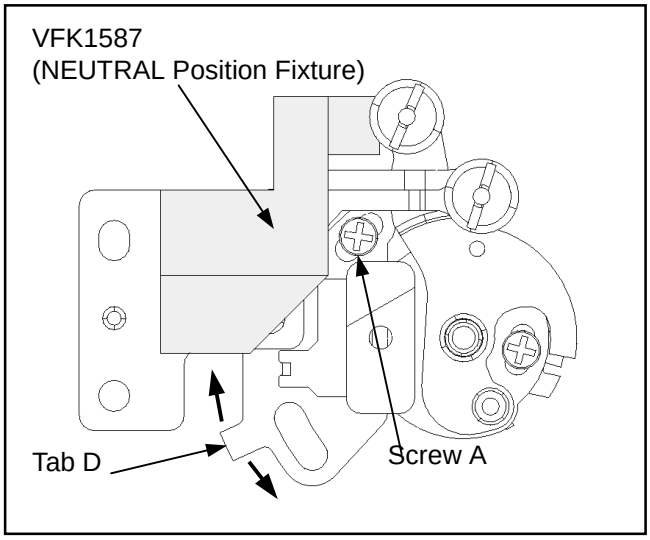


Figure 1-6-2

1-7. PLAY Voltage Adjustment

TP	TP201 : SERVO Board
ADJ.	VR2 : Mech. I/F Board
VTR MODE	No Tape Loading
ADJ. MODE	“A05 : TENSION”
TOOL	VFK1588 (PLAY Position Fixture) Digital Volt Meter
SPEC.	3.8 V ± 0.05 V

1. Unscrew the 2 screws and remove the Carriage Support Angle on the Front Loading Unit.
2. Disconnect the Flexible Cable connected to connector P3 on the Carriage Board.
3. Unscrew the 6 screws as shown in figure 1-6-1, and remove the Top Plate of the Front Loading Unit.
4. Install the VFK1588 (PLAY Position Fixture) as shown in the figure below.
5. Open the “SERVO ADJUST” menu in the Service Menu and select the item “TENSION”. Turn the JOG dial while holding down the SEARCH button to place the unit in No Tape Loading condition.
6. Adjust the voltage at TP201 with VR2. (See the figure 1-5-1.)

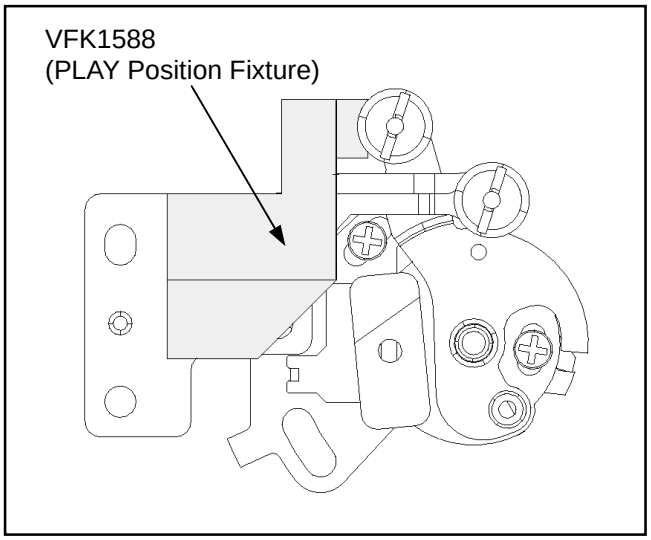


Figure 1-7-1

1-8. Tension Regulator Spring Adjustment

TP	TP201 : SERVO Board
ADJ.	Tension Spring Adjust Screw
VTR MODE	No Tape Loading
ADJ. MODE	“A05 : TENSION”
TOOL	VFK1188A (Dial Tension Gauge) Digital Volt Meter
SPEC.	100mN ± 10mN (1gf ± 1gf)

1. Unscrew the 2 screws and remove the Carriage Support Angle on the Front Loading Unit.
2. Disconnect the Flexible Cable connected to connector P3 on the Carriage Board.
3. Unscrew the 6 screws as shown in figure 1-6-1, and remove the Top Plate of the Front Loading Unit.
4. Open the “SERVO ADJUST” menu on the Service Menu and select the item “TENSION”. Turn the JOG dial while holding down the SEARCH button to place unit into No Tape Loading condition.
5. Push the tension post to the direction R by the tension gauge under the loading condition until the output voltage reaches 3.8V (Play position).
6. Adjust the Tension Spring Adjust Screw while keeping the voltage 3.8V so that the measured value by the Torque gauge is within the specification. (refer to the figure below.)

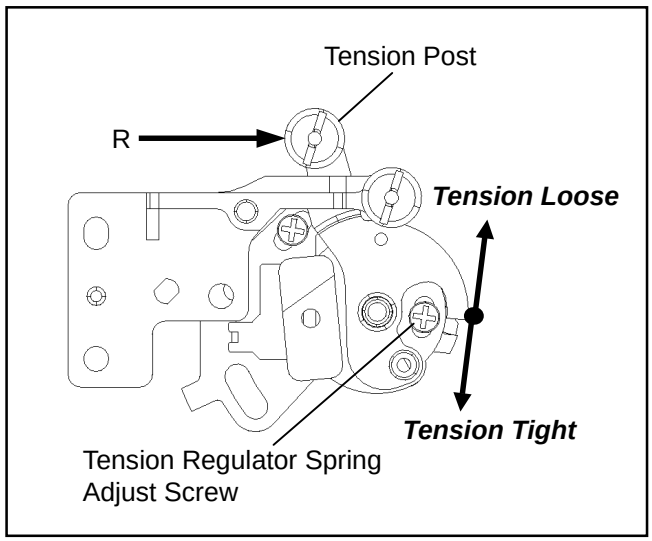


Figure 1-8-1

1-9. REV Tension Confirmation

TP	TP201 : SERVO Board
VTR MODE	No Tape Loading
TOOL	VFK1188A (Dial Tension Gauge)
SPEC.	180mN ± 20mN (18gf ± 1gf)

1. Unscrew the 2 screws and remove the Carriage Support Angle on the Front Loading Unit.
2. Disconnect the Flexible Cable connected to connector P3 on the Carriage Board.
3. Unscrew the 6 screws as shown in figure 1-6-1, and remove the Top Plate of the Front Loading Unit.
4. Open the “SERVO ADJUST” menu on the Service Menu and select the item “TENSION”. Turn the JOG dial while holding down the SEARCH button to place unit into No Tape Loading condition.
5. Push the tension post to the direction R by the tension gauge under the loading condition until the output voltage reaches 1.1V (REV position).
6. Confirm that the measured value by the Torque gauge is within the specification while keeping the voltage 1.1V.
7. If it is out of specification, readjust the “1-8. Tension Regulator Spring Adjustment”.

1-10.Tension Loosing Adjustment

ADJ.	Service Menu
VTR MODE	No Tape Loading
TOOL	VFK1593 (Loosing Fixer)
SPEC.	Between 3250 and 3650

1. Unscrew the 2 screws and remove the Carriage Support Angle on the Front Loading Unit.
2. Disconnect the Flexible Cable which is connected to connector P3 on the Carriage Board.
3. Put the Loosing Fixer onto the position shown below.
4. Open the “A00:SERVO ADJUST” menu on the Service Menu and select the item “A06:LOOSING”.
5. Rotate JOG dial while holding down the SEARCH button. Loosing adjustment mode goes on. When the SEARCH button is released, the current value is indicated.
6. Push the Loosing Fixer to the direction described as the arrow three times.
7. Press and hold the SEARCH button for more than 2 seconds. The adjustment value disappears and new value comes out.
8. Confirm that the adjustment value is within the specification.

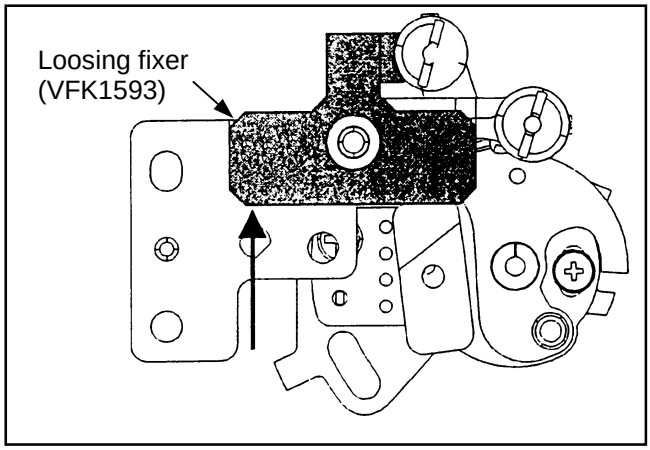


Figure 1-10-1

1-11. Tension Confirmation

MODE	PLAY, SHTL x-1
TAPE	66min. M-Cassette (Beginning)
TOOL	VFK1145A (Tension Meter)
SPEC.	PLAY : 59mN ± 10mN (6gf ± 1gf)

<Calibration of the Tension Meter>

1. Attach the 7 grams calibration weight to DVCPRO tape.
2. Pull up the tape at 33mm/sec speed to the direction of tape running, and calibrate the Meter so that the meter shows 68.6cN (7g).

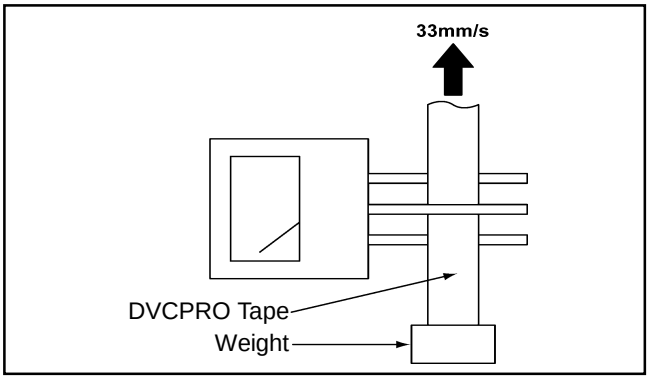


Figure 1-11-1

1. Play back the beginning of tape.
2. Insert the tension meter between S2 post and S3 post as shown in figure 1-11-2.
3. Confirm that the tension is within the specification.
4. If it is out of specification, follow the flowchart of the Tension Arm Adjustment.

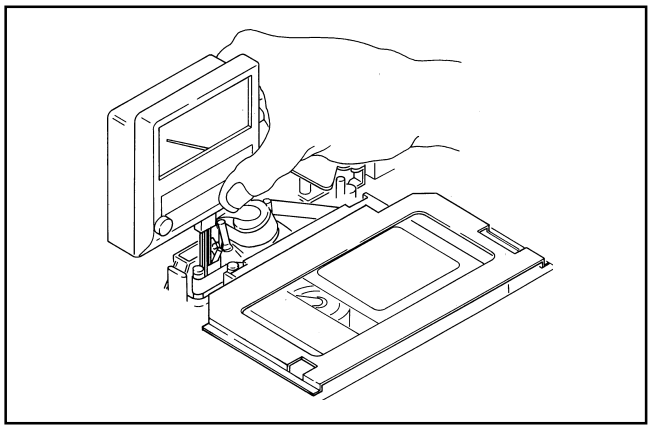


Figure 1-11-2

NOTE :
Do not damage a tape.

After all adjustment, fix the tension regulator with glue at A and B points in the figure 1-11-3

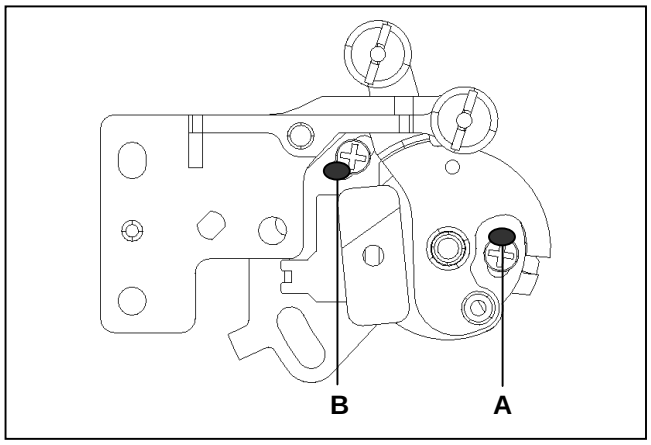
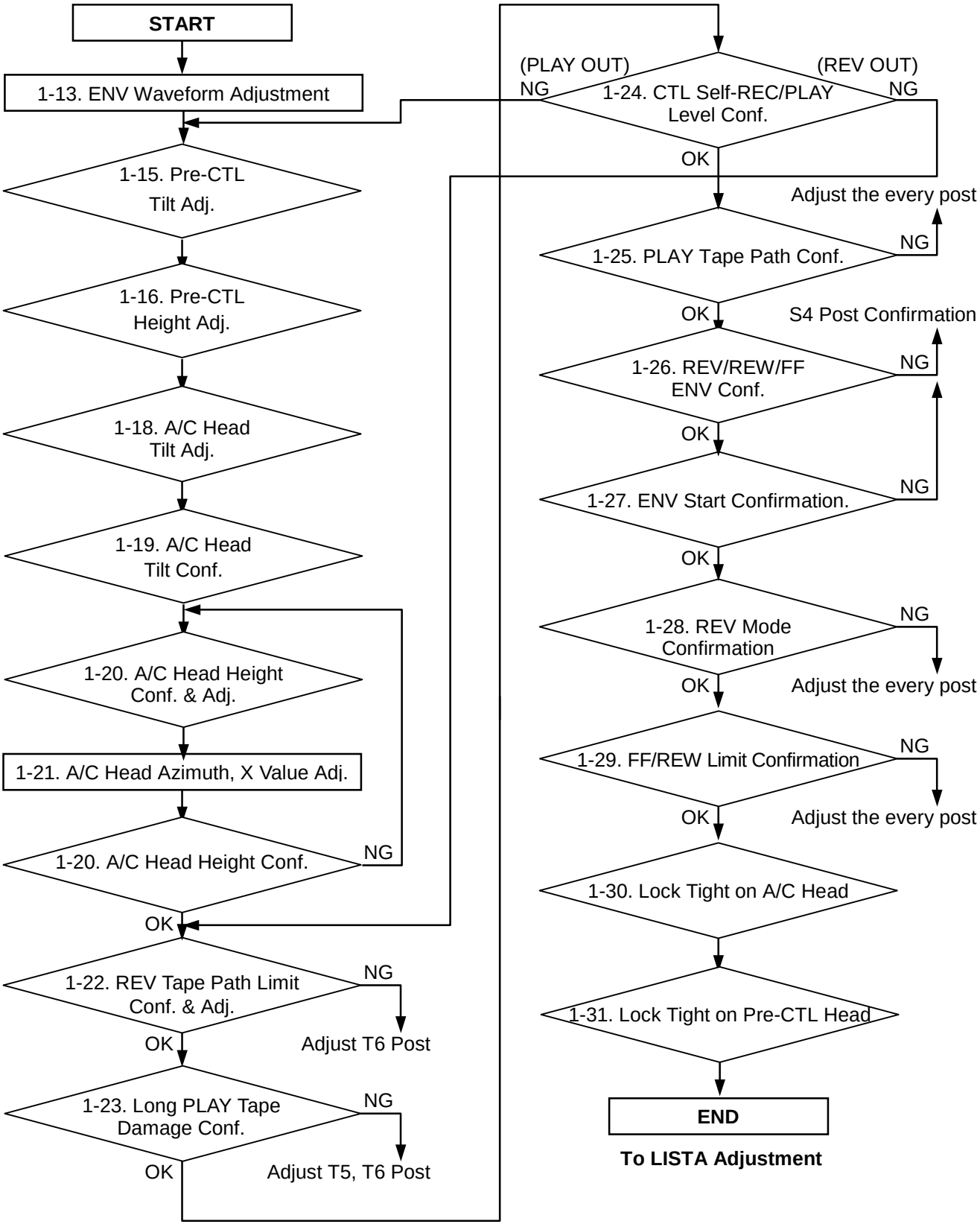


Figure 1-11-3

1-12. Tape Path Adj. Procedure



1-13. ENV Waveform Adjustment

TP	TP201 : R/P L ENV (RFEQ board : H4) TP201 : R/P R ENV (RFEQ board : H5) TP722 : R/P L HSW (SERVO board : F7)
ADJ.	S2, T2 Post Height
MODE	PLAY (ATF)
TAPE	VFM3782KM
M. EQ	Oscilloscope
TOOL	VFK1149A (Post Driver)
SPEC.	V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.8

1. Playback the alignment tape.
2. Adjust the T2 post and then the S2 post height so that the ENV output is within the specification.
   Upon adjusting the S2 and T2 posts, first make a post higher until the output becomes small, and then lower until the output becomes flat.
3. After the adjustment, unload and load a tape and confirm that the envelope is still in specification.

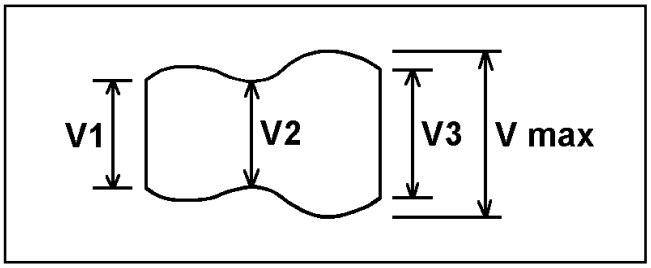


Figure 1-13-1

1-14. Pre-CTL Head Adjustment Method (Summery)

Adjustment Item	Screw	Adjustment Method	Torque
Tilt Adj.	A	First loosen the screw (C), and adjust the screw (A). After adjusting the screw (A), tighten the screw (C).	(Adjustment)
Height Adj.	B	The screw (C) must be tightened. First loosen the screw (D), and adjust the screw (B). Counterclockwise (Tighten) : In case CTL level increases by pressing down the Pre-CTL Head. Clockwise (Loosen) : In case CTL level increases by lifting up the Pre-CTL Head.	(Adjustment)
Tilt Fix	C	After adjusting the screw (A), tighten the screw (C).	10cN·m (1.0Kgf.cm)
Height Fix	D	After the height adjustment, fix the Pre-CTL Head Height by tightening the screw (D).	25cN·m (2.5Kgf·cm)

Screw	Tool for Adjustment
A, C	VFK1148 (1.5mm Hex Driver)
D	VFK1190 (Hex Wrench)
B	VFK1593 (4.5mm Nut Driver)

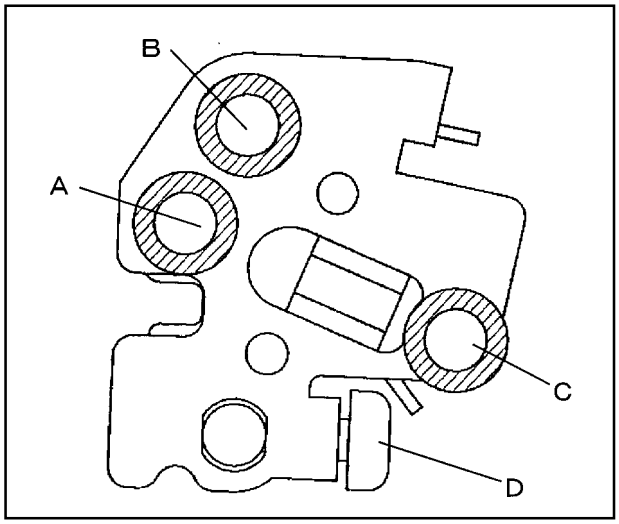


Figure 1-14-1

1-15. Pre-CTL Head Tilt Adjustment

ADJ.	Screw A and C
TOOL	VFK1586 (Mech. Neutral Plate) VFK1154 (Post Height Adjust Tool) VFK1148 (1.5mm Hex Driver)
SPEC.	There is no gap between A/C Head and Post Height Adjust Tool. (0° ± 10°).

1. Remove the Front Loading Unit and mount the Mech. Neutral Plate.
2. Open the “SERVO ADJUST” menu in the Service Menu and select the item “TENSION”. Turn the JOG dial while holding down the SEARCH button to place the unit in No Tape Loading condition.
3. Touch the VFK1154 with the Pre-CTL Head and confirm that there is no gap between them.
4. To adjust the Tilt, loosen the screw C and turn the screw A. (See the figure 1-14-1)

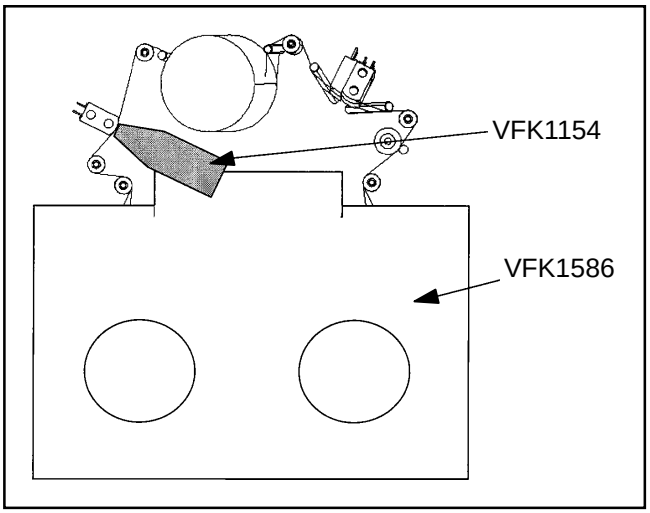


Figure 1-15-1

1-16. Pre-CTL Head Height Adjustment

TP	TP33 : Pre-CTL (F7: SERVO Board)
ADJ.	Screw B, D (Pre-CTL Head)
MODE	PLAY
TAPE	VFM3782KM
TOOL	VFK1593 (4.5mm Nut Driver), VFK1190 (Hex. Wrench)
M. EQ	Oscilloscope
SPEC.	T = max.

1. Prior to this adjustment confirm that the Pre-CTL Head Tilt is in specification.
2. The Pre-CTL output must be saturated.
3. Loosen the hex. Screw (D).
4. Adjust the height with the screw (B) to maximize T.
5. After adjustment, tighten the screw (D).

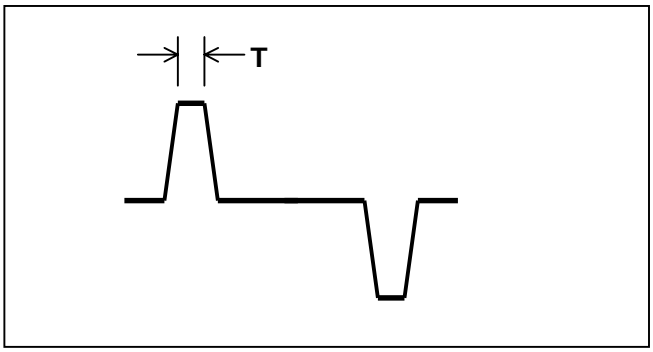


Figure 1-16-1

1-17. A/C Head Adjustment Method (Summery)

Adjustment Item	Screw	Adjustment Method	Torque
Tilt Adj.	A	① First loosen the screw (G), and adjust the screw (A). Counterclockwise (Tighten) --- Decrease Cue Level. Clockwise (Loosen)--- Increase Cue Level ② After adjusting the screw (A), tighten the screw (G). (Refer to following item “Azimuth Fix”.)	(Adjustment)
Azimuth Adj.	F	First loosen the screw (G), adjust the phase with the screw (F). After adjusting the screw (F), tighten the screw (G). (Refer to following item “Azimuth Fix”.)	(Adjustment)
Azimuth Fix	G	The adjustments except for Azimuth adjustment should be done while the screw (G) is tightened.	10cN·m (1.0Kgf.cm)
Height Adj.	B	Counterclockwise (Tighten) : In case CTL level increases by pressing down the A/C Head. Clockwise (Loosen) : In case CTL level increases by lifting up the A/C Head. **NOTE 1 : Please refer to figure 1-17-2 for the portion to lift up and press down the A/C Head.** **NOTE 2 : To lift up and press down A/C Head, do it gently by finger.**	(Adjustment)
Height Fix	H	After the height adjustment, fix the A/C Head Height by tightening the screw (H).	25cN·m (2.5Kgf·cm)
X-Value Adj.	C, D	① Adjust X-Value by VFK0357 at Hole (E), then tighten the screw (C) and (D) to fix A/C Head horizontal position. ② Tap the portion shown in the fig. 1-17-3 to confirm the phase doesn’t shift.	25cN·m (2.5Kg·cm)

Screw	Tool for Adjustment
B	VFK1150 (5.5mm Nut Driver)
A, F	VFK1178 (0.89mm Hex Driver)
C, D, G, H	VFK1148 (1.5mm Hex Driver)
Hole E	VFK0357 (Eccentric Driver)

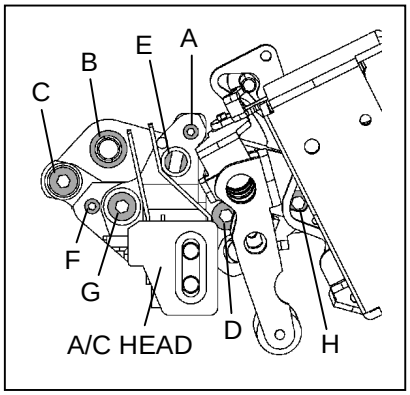


Figure 1-17-1
A/C Head Adjust Screws

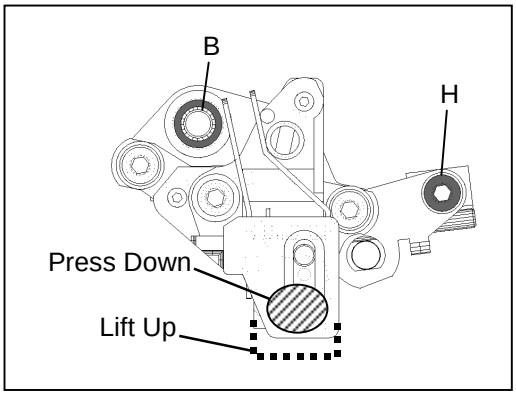


Figure 1-17-2
A/C Head Height Confirmation

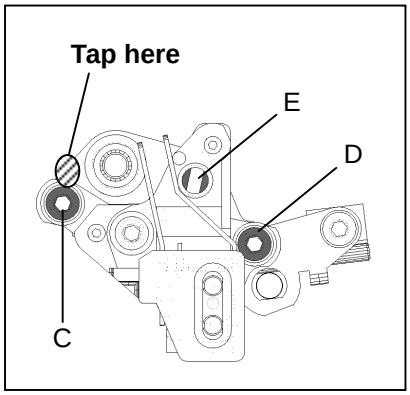


Figure 1-17-3
A/C Head X-Value Adjustment

1-18. A/C Head Tilt Adjustment

TP	A/C Head Screw (A), (G)
TOOL	VFK1586 (Mech. Neutral plate) VFK1589 (A/C Head Tilt Adjust Tool) VFK1154 (Post Height Adjust Tool) VFK1178 (0.89mm Hex Driver) VFK1148 (1.5mm Hex Driver)
SPEC.	There is no gap between A/C Head and Post Height Adjust Tool. (0° ± 10°)

1. Remove the Front Loading Unit.
2. Open the “SERVO ADJUST” menu in the Service Menu and select the item “TENSION”. Turn the JOG dial while holding down the SEARCH button to place the unit in No Tape Loading condition.
3. Mount the A/C Head Tilt Adjust Tool on the Mech. Neutral Plate as shown in figure 1-18-2.
4. Put the Mech. Neutral Plate on the Reel Table.
5. Put the Post Height Adjust Tool along the slope portion of A/C Head Tilt Adjust Tool to A/C Head. Confirm that the Post Height Adjust Tool is fitted to the surface of the A/C Head.
6. If not, loosen the screw (G) and adjust the screw (A). After the adjustment, tighten the screw (G). Confirm the adjustment result with the screw (G) tightened.

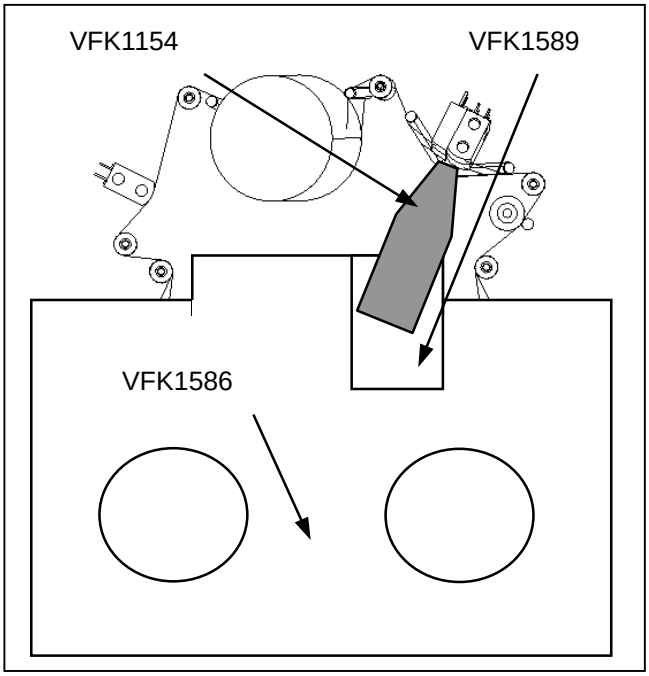


Figure 1-18-1

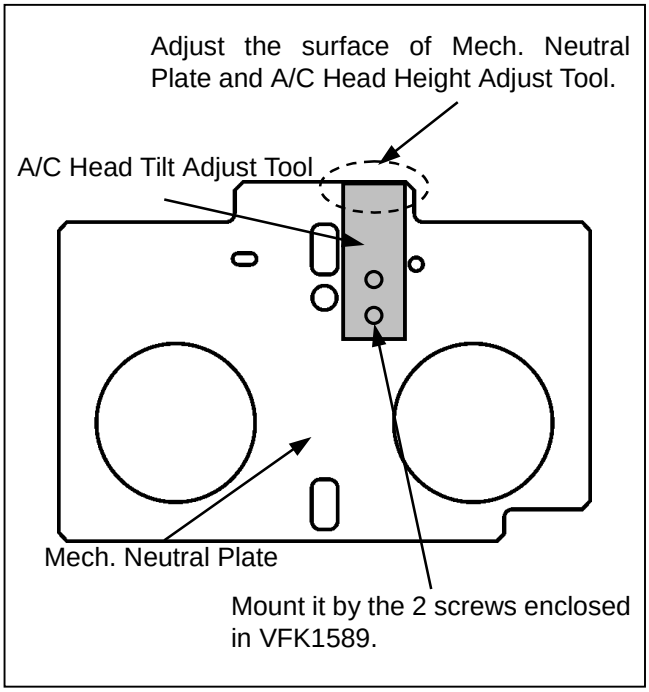


Figure 1-18-2

1-19. A/C Head Tilt Confirmation

TP	TP101 : CUE AUDIO (H3: CUE Board)
MODE	PLAY
TAPE	VFM3782KM
M. EQ	Oscilloscope
SPEC.	A/Amax ≥ 0.8

1. Confirm the screws (G) and (H) are tightened.
2. Playback the 6MHz CUE AUDIO portion of the alignment tape.
3. Press the Tension Arm to the direction P as shown in the figure 1-19-1. Confirm that the fluctuation of output level is within the specification.

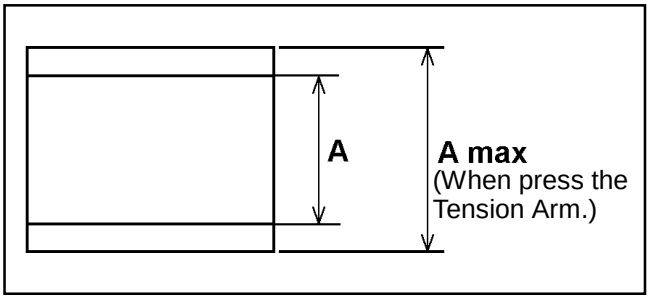


Figure 1-19-1

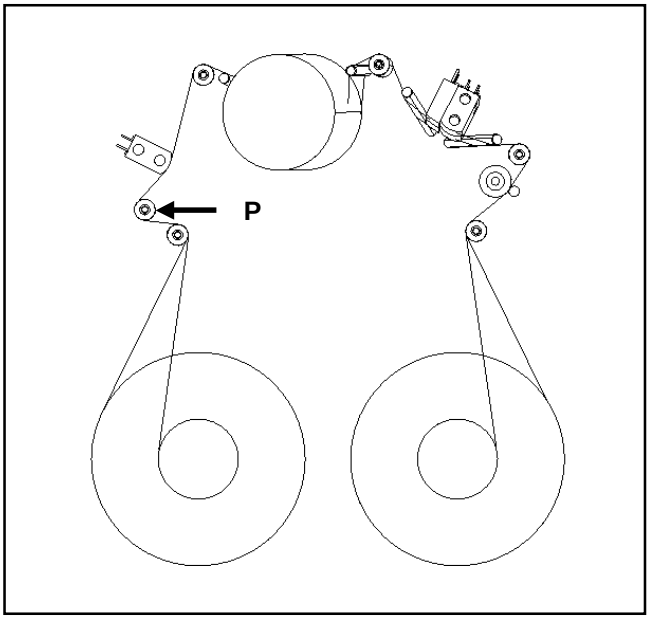


Figure 1-19-2

1-20. A/C Head Height Confirmation & Adjustment

TP	TP101 : CUE AUDIO (H3: CUE Board) TP30 : CTL (F7: SERVO Board)
ADJ.	Screw B, H (A/C Head)
MODE	PLAY
TAPE	VFM3782KM
TOOL	VFK1150 (5.5mm Nut Driver), VFK1148 (1.5mm Hex Driver)
M. EQ	Oscilloscope
SPEC.	A/Amax ≥ 0.95, C1, C2 ≥ 2.0 V

1. Press down and lift up the A/C Head lightly, and confirm that the CTL and CUE output level is within the specification. (Please refer to the figure 1-17-2 where to lift up and press down.)
2. If it is out of specification, adjust the height to maximize the CUE output level by loosing the screw (H) and turning the screw (B).
3. After adjustment, tighten the screw (H) and confirm the condition.
4. A/C Head Height Adjustment should be done alternately with Azimuth/X-Value Adjustment.

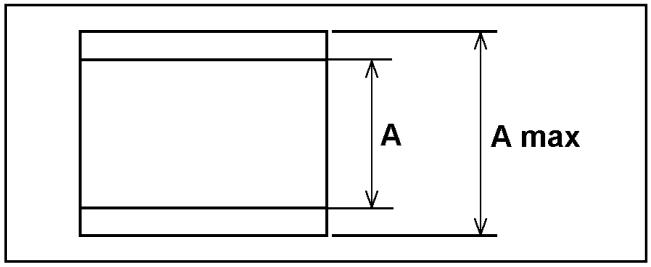


Figure 1-20-1

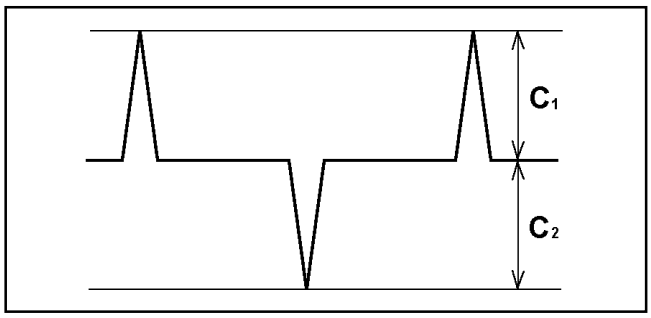


Figure 1-20-2

1-21. A/C Head Azimuth and X-Value Adjustment

SPEC.	See below. **-250μs ≤ t1, t2 ≤ +250μs**	**TP**	TP201 : R/P L ENV (RFEQ : H4) TP722 : R/P L HSW (SERVO : F7) TP101 : CUE (CUE : H3) TP30 : CTL (SERVO : F7)
		M. EQ	Oscilloscope
ADJ.	A/C Head	**TOOL**	VFK0357 (Eccentric Driver) VFK1148 (Hex Driver) VFK1209A (Torque Driver) VFK0912 (Post Axis Driver)
MODE	See below		
TAPE	VFM3782KM		

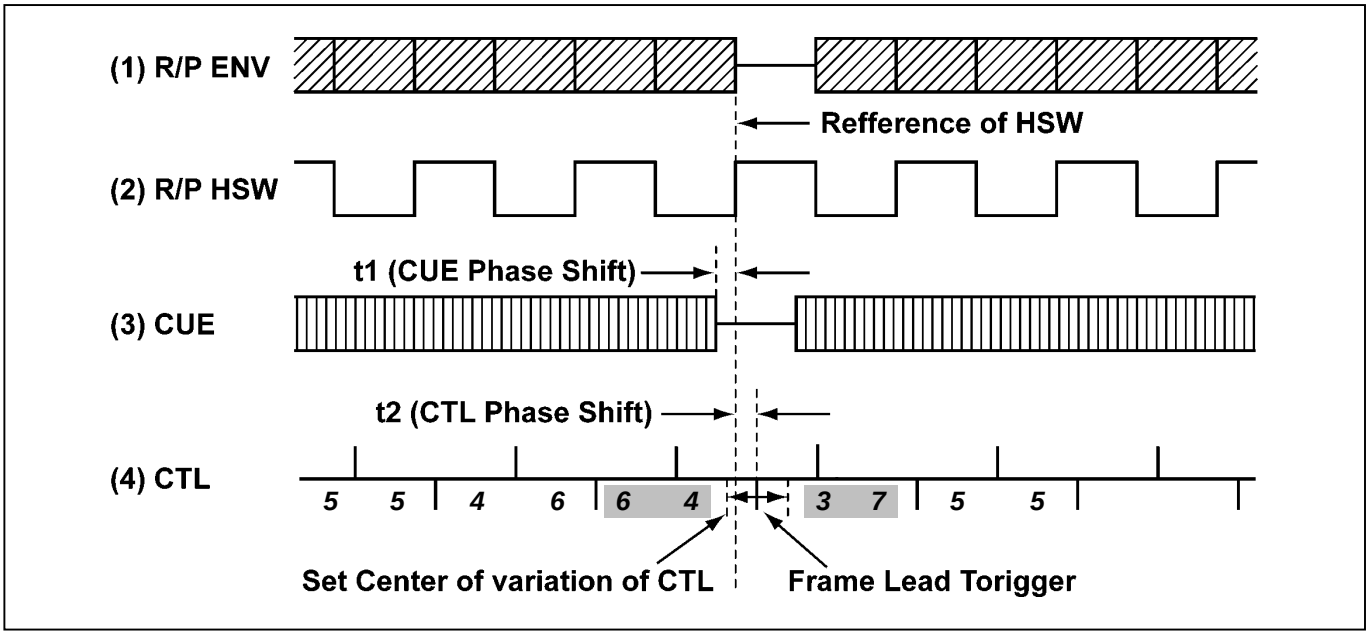


Figure 1-21-1

1. Playback the X-Value Alignment Tape with HDLP mode.
2. Adjust the Azimuth so that the reference CTL matches with non-recorded portion of CUE in the phase (t2). (refer to item “1-17. A/C Head Adjustment Procedure”)
3. Confirm the non-recorded portion of R/P ENV, and select proper HSW.
4. Adjust X-Value so that the reference of HSW matches with CTL frame lead trigger in the phase (t1). To adjust X-value, loosen the screws (C) and (D), and adjust the hole (E) by using the Eccentric Driver. At this time adjust the phase simultaneously with Azimuth so that the CTL and CUE phase is kept.
5. After tightening the every screws on the A/C Head, tap the top plate (portion as shown in figure 1-17-3) of A/C Head, then confirm the phase is not shifted.
6. Select the SERVO ADJUST menu on the Service Menu, and select the item “A10 : X-VALUE HDLP”. Then, press the SET button.
7. “PLAY ALIGNMENT TAPE OK?” message appears, press SEARCH button. Fine-adjustment of X-Value is done.

1-22. REV Tape Path Confirmation and Adjustment (T5 and T6 Post Height)

ADJ.	T5 Post, T6 Post
TP	TP30 : CTL (F7: SERVO Board)
MODE	PLAY (HDLP) SHTL x – 1
TAPE	VFM3782KM
TOOL	VFK1149A (Post Driver)
SPEC.	C1 ≥ Cp1 x 0.75 C2 ≥ Cp2 x 0.75 Lower limit at T5 post in REV –1.0 mode. Tape has no curl and bent at T5 and T6 Post.

1. Perform 1x and –1x playback alternately. Confirm the CTL output level is within the specification in the figure 1-22-1. If it is out of specification, adjust the T5 and T6 Post Height.
2. When adjusting a post, try it by 45 degrees step.
3. Confirm the post limit condition.
4. If it is out of specification, adjust T5 or T6 post height. “1-2. Post Height Pre-Adjustment”.

< Post Limit >

Post	A	B	C	D	E	F
T5	NG	NG	OK	NG	NG	NG
T6	OK	OK	OK	NG	NG	NG

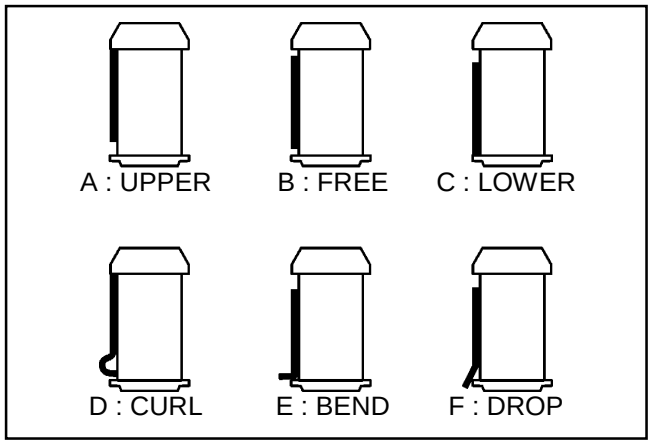


Figure 1-22-1

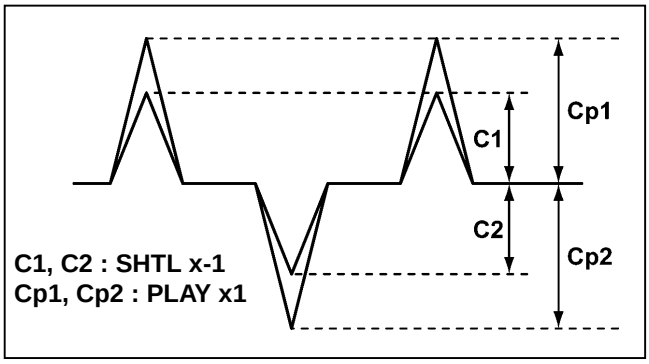


Figure 1-22-2

1-23. Long PLAY Tape Damage Confirmation

CUE/REV Damage Confirmation

MODE	Change CUE and SHTL x-1 mode alternately
TAPE	Long PLAY Tape L-Cassette (Beginning) (AJ-5P93LP : Recorded Tape)
SPEC.	No damage on the tape at T5 and T6 posts

1. Prepare a 50M recorded tape.
2. Confirm that there is no tape damage in intermittent mode and while switching CUE and SHTL x-1.
3. If it is out of specification, adjust T5 and T6 posts height by following the item “1-2. Post Height Pre-Adjustment”.

1-24. CTL Self-REC/PLAY Output Level Confirmation

TP	TP30 : CTL (SERVO Board)
MODE	PLAY SHTL x - 1 SHTL x - 0.2
TAPE	Recording tape
M. EQ	Oscilloscope
SPEC.	See below

(Specification)

CTL Output Level : C1, C2		
PLAY	SHTL x -1	SHTL x -0.2
C1,C2 ≥ 1.8V	C1,C2 ≥ 1.4V	C1,C2 ≥ 1.2V

1. Confirm all screws of the A/C Head are fixed.
2. Record and playback any signal. Confirm that the CTL output level on each mode is within the specification.
3. In case PLAY mode is out of specification, confirm the A/C Head Height again. (Refer to item “1-20. A/C Head Height Confirmation”.)
4. In case SHTL x-1 mode is out of specification, confirm the T6 Post Height again. (Refer to item “1-22. REV Tape Path Confirmation and Adjustment”.)

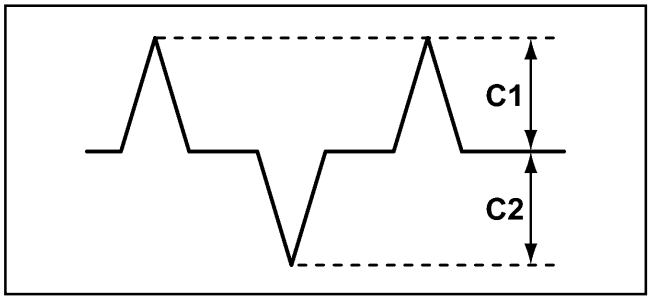


Figure 1-24-1

1-25. PLAY Tape Path Limit Confirmation

MODE	PLAY
TAPE	HDLP recorded tape
SPEC.	See below

1. Playback the tape and confirm the post limits by eyes.

Post Name	Tape Limit (see figure)					
	A	**B**	**C**	**D**	**E**	**F**
S4 Post	NG	OK	OK	NG	NG	NG
S3 Post	NG	NG	OK	NG	NG	NG
S2 Post	OK	NG	NG	NG	NG	NG
T2 Post	OK	NG	NG	NG	NG	NG
T5 Post	NG	NG	OK	NG	NG	NG
T6 Post	OK	OK	OK	NG	NG	NG

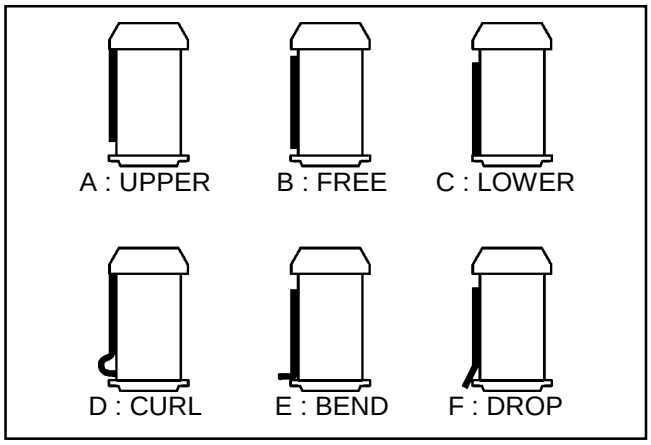


Figure 1-25-1

2. If any is out of specification, confirm an appropriatet adjustment point.

Post Name	Adjust	Procedure
S4 Post	S3,S4 Post	Post Height Pre-Adjustment
S3 Post		
S2 Post	S2,T2 Post	Envelope Waveform Adjustment
T2 Post		
T5 Post	T5 Post	Post Height Pre-Adjustment
T6 Post	T6 Post	

1-26. Envelope Confirmation on REV/REW/FF mode

TP	TP201 : R/P L ENV (RF board : H4) TP201 : R/P R ENV (RF board : H5) TP722 : R/P L HSW (SERVO board : F7)
MODE	REV, REW, FF
TAPE	VFM3782KM
M. EQ	Oscilloscope
SPEC.	See below, V/Vmax ≥ 0.9

1. Confirm that the envelope in REV, REW and FF mode is as follows:
   - Waveform must be diamond shape.
   - All peak levels must be more than 90% of maximum level.
     V/Vmax ≥ 0.9
2. If it is out of specification, adjust S3 post height. (Refer to item “1-2. Post Height Pre-Adjustment”.)

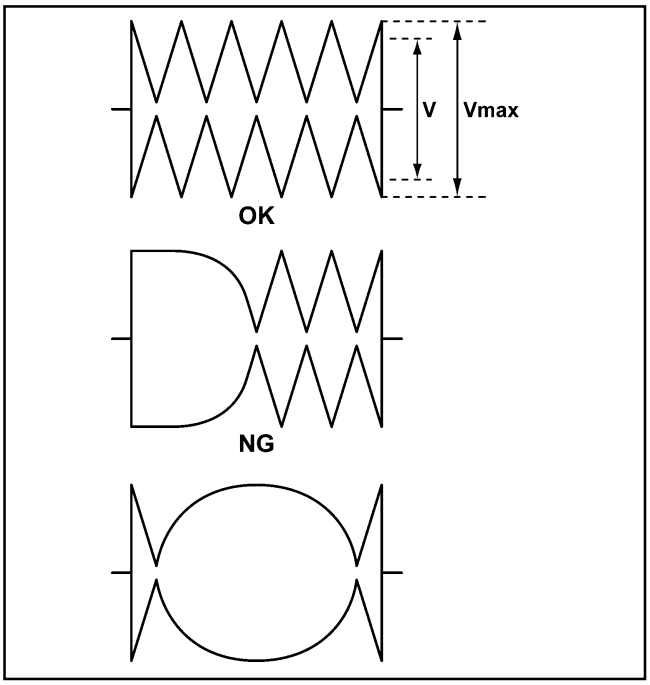


Figure 1-26-1

1-27. Envelope Start Confirmation

TP	TP201 : R/P L ENV (RF board : H4) TP201 : R/P R ENV (RF board : H5) TP722 : R/P L HSW (SERVO board : F7)
MODE	REW/REV → PLAY, FF → PLAY Loading completion → PLAY,
TAPE	Beg. Of L-Cassette (123min., Recorded)
M. EQ	Oscilloscope
SPEC.	Envelope comes immediately

This adjustment must be done after “Envelope Waveform Adjustment”.

1. Confirm that the envelope comes immediately, when the mode switches from REW to PLAY, REV to PLAY, FF to PLAY and Lording to PLAY mode.
2. If it is out of specification, adjust S3 post height. (Refer to item “1-2. Post Height Pre-Adjustment”.)

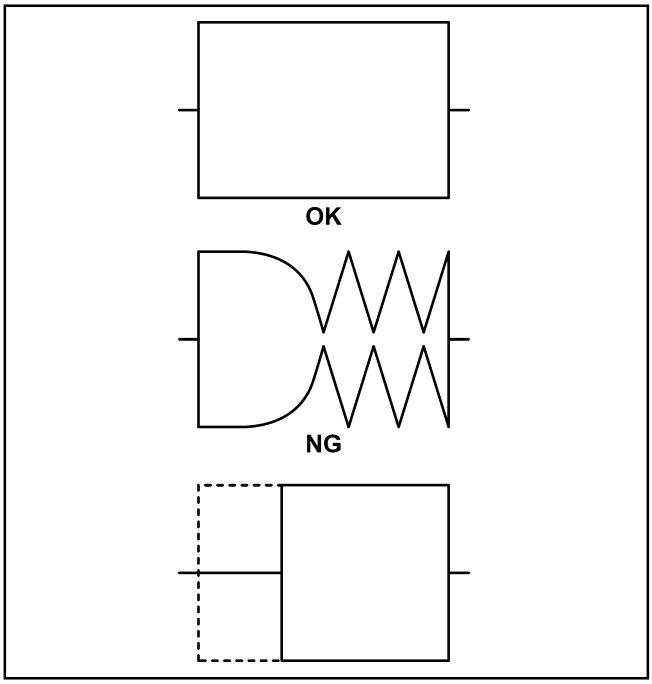


Figure 1-27-1

1-28. REV mode Confirmation

MODE	SHTL x-1
TAPE	M cassette and L-Cassette
SPEC.	See below

1. Place the unit in SHTL x-1 mode and confirm each post limit.
2. This confirmation must be done after all tape path adjustments.

Post Name	Tape Limit (see figure)					
	A	**B**	**C**	**D**	**E**	**F**
S4 Post	OK	OK	OK	NG	NG	NG
S3 Post (Tension Post)	NG	OK	OK	NG	NG	NG
S2 Post	OK	NG	NG	NG	NG	NG
T2 Post	OK	OK	OK	NG	NG	NG
T5 Post	NG	NG	OK	NG	NG	NG
T6 Post	OK	OK	OK	NG	NG	NG

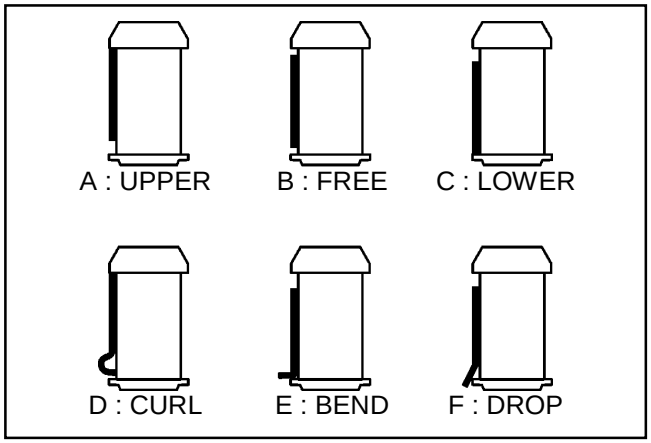


Figure 1-28-1

1-29. FF/REW mode Limit Confirmation

MODE	FF, REW
TAPE	M cassette and L-Cassette
SPEC.	See the following table.

1. Place the unit in FF and REW mode and confirm each post limit.
2. This confirmation must be done after all tape path adjustments.

Post Name	Tape Limit (see figure 1-24)					
	A	**B**	**C**	**D**	**E**	**F**
S4 Post	OK	OK	OK	NG	NG	NG
S3 Post (Tension Post)	NG	OK	OK	NG	NG	NG
S2 Post	OK	NG	NG	NG	NG	NG
T2 Post	OK	OK	OK	NG	NG	NG
T5 Post	OK	OK	OK	NG	NG	NG
T6 Post	OK	OK	OK	NG	NG	NG

1-30. Lock Tight on A/C Head

<A/C Head Screw Lock Tight>

	Screw A, F	**Screw G**
Lock Tight Grew Quantity	Half of the Screw G	1/3 of the screw

1. Fix the screw by the Lock Tight Grew after A/C Head Adjustment as shown in the figure below.
2. Remove the screw lock tight upon the adjustment.

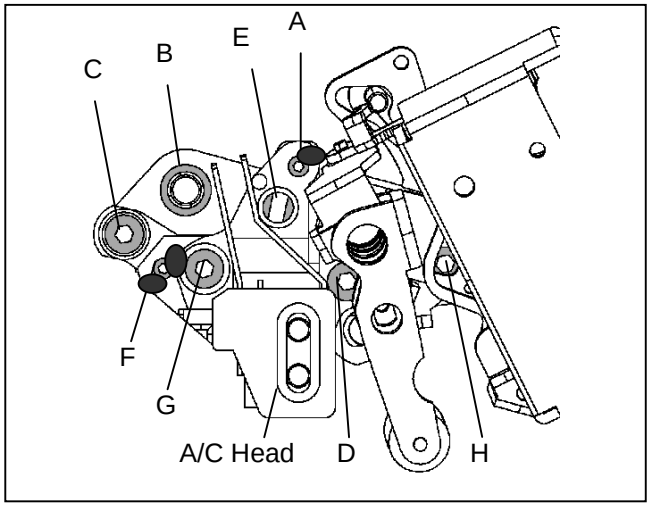


Figure 1-30-1

1-31. Lock Tight on Pre-CTL Head

<Pre-CTL Head Screw Lock Tight>

	All Screws
Lock Tight Grew Quantity	1/3 of the screw

1. Fix the screw by the Lock Tight Grew after A/C Head Adjustment as shown in the figure below.
2. Remove the screw lock tight upon the adjustment.

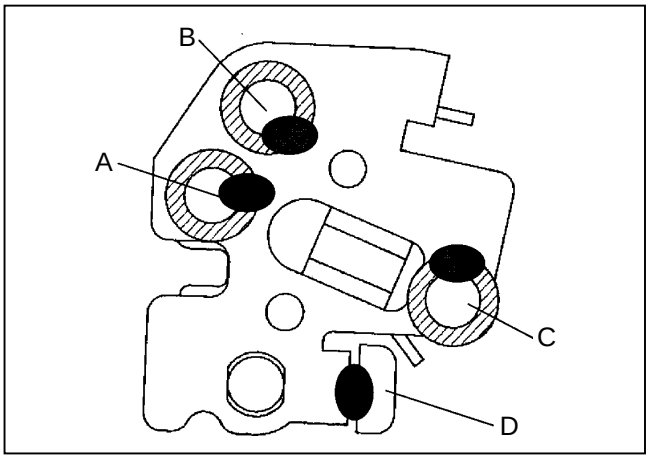
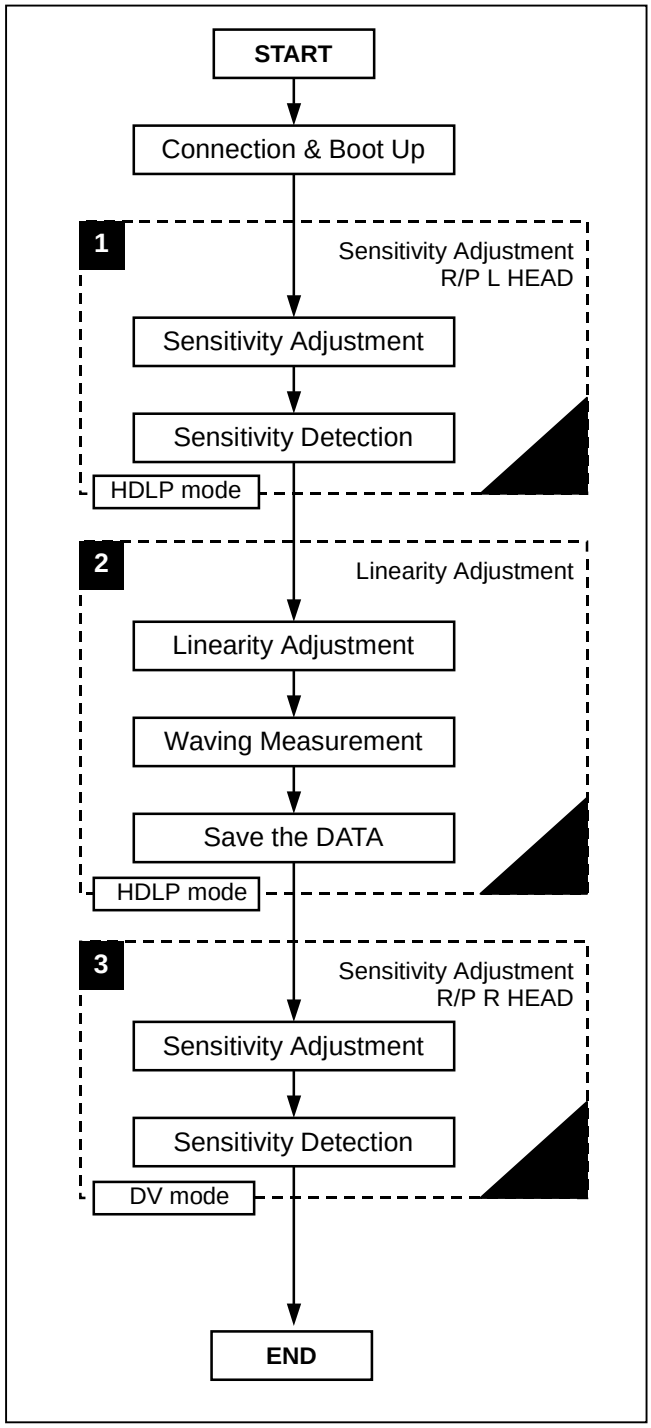


Figure 1-31-1

1-32. LISTA Adjustment Procedures

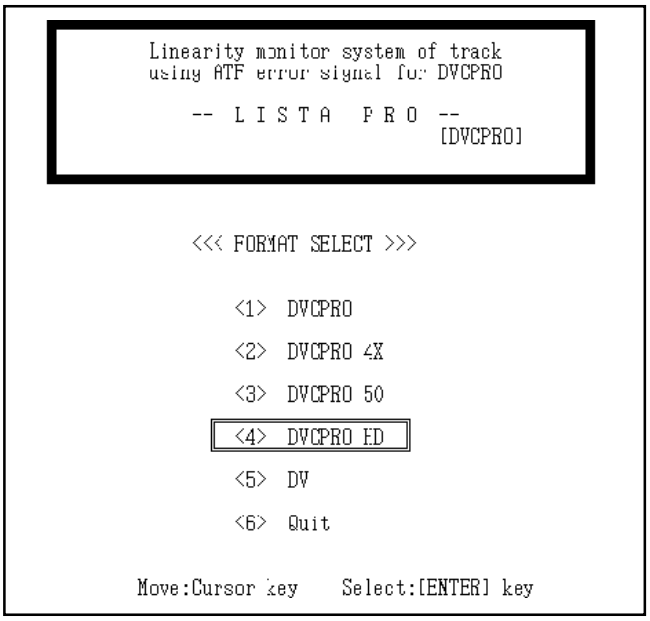


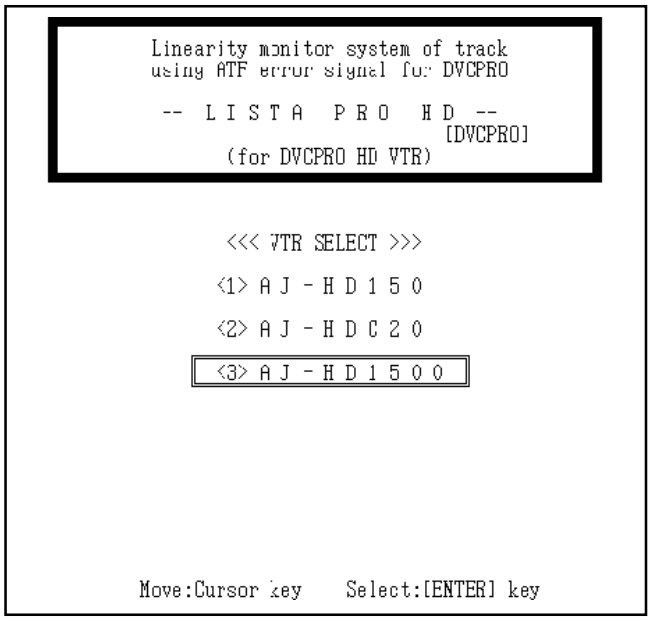
1-33. LISTA Connection and Start Up

TAPE	VFM3781KM, VFM3000EDS (DV LISTA)
M. EQ	Personal Computer with A/D Board installed
TOOL	VFK1481E (LISTA Software), VFK1186 (LISTA Cable), VFK1300 (A/D Converter Board)
TP	TP732: [ATF ERR L] , TP734: [ATF ERR R] , TP722: [R/P L HSW] , TP724: [R/P R HSW] , (F7: SERVO)

1. Create a directory and copy all files on the floppy disk (VFK1481E : LISTA Software) to the new directory. (**i.e.;** C:¥LISTA)
2. Connect the LISTA cable to A/D Board in the PC.
3. Connect the clips of the LISTA cable to test points on the P.C.Board. (Refer to Items “Sensitivity Adjustment” and “Linearity Adjustment”.)
4. Execute the LISTA software on DOS mode by typing ‘ LISTA’ and pressing ENTER key.
5. When the < < < FORMAT SELECT >>> display appears, select < 4> DVCPRO HD.

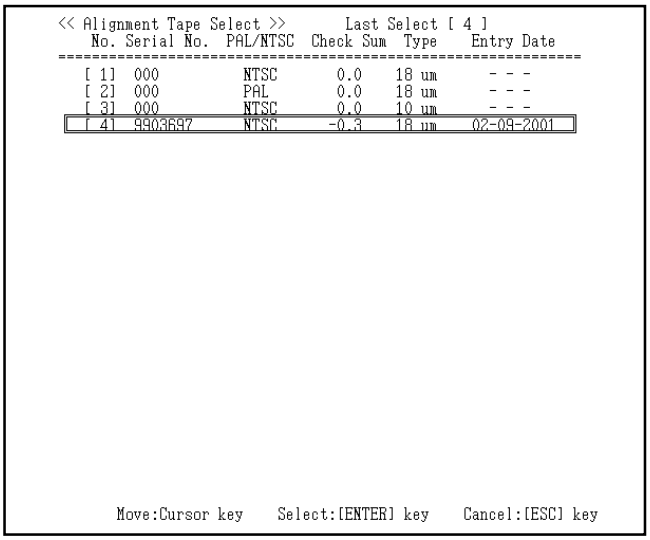
6. When the **<<< VTR SELECT >>>** display appears, select the item “< 3>AJ-HD1500”.



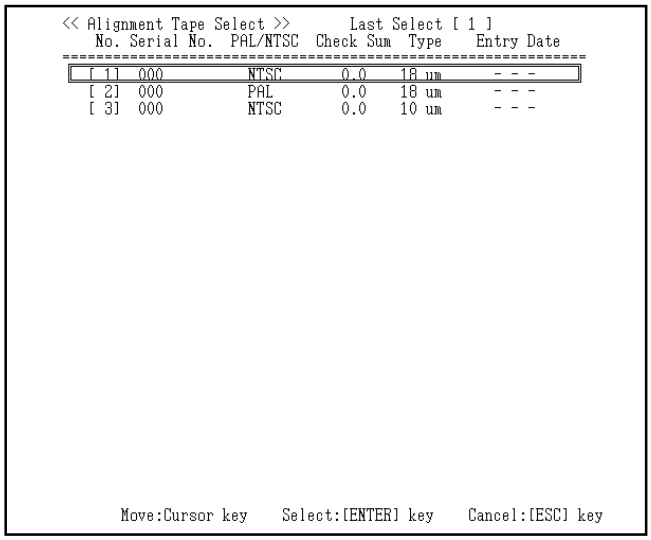


7. Select the Serial number of the Alignment tape on the screen. If the alignment tape to be used is not registered, the compensation data needs to be entered. Press the ESC key, and select the item “< 4> Alignment Tape” in the main menu.

< In case Alignment Tape data is already registered >

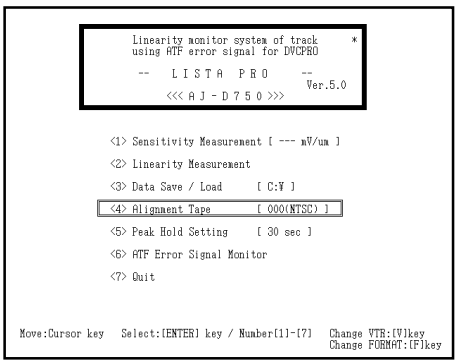


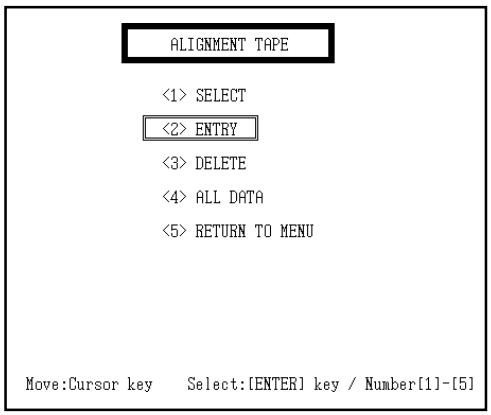
< In case Alignment Tape data is not registered >

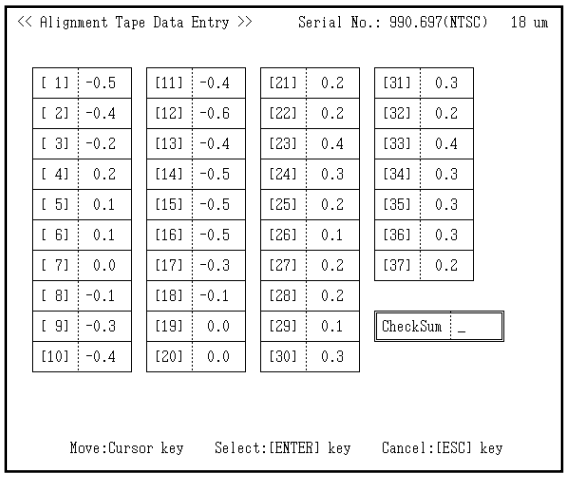


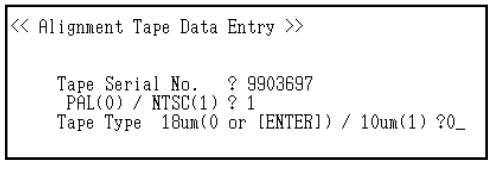
1-34. How to Entry the Attachment Data of Alignment Tape

1. Select the item “< 4> Alignment Tape” on the LISTA main menu.
2. Select the item “< 2> ENTRY” on the alignment menu.
3. In the < < Alignment Tape Data Entry>> screen, input the Serial Number of alignment tape. And input the number “0” or “1” to select the PAL/NTSC. And select the type; “0” for DVCPRO, “1” for DV, or “2” for HDLP.
4. Input the numerical value on the data sheet. If inputting a wrong number.
5. After entry of data, select “< 1> SELECT” on the Alignment Tape Menu and select the serial number of the alignment tape.







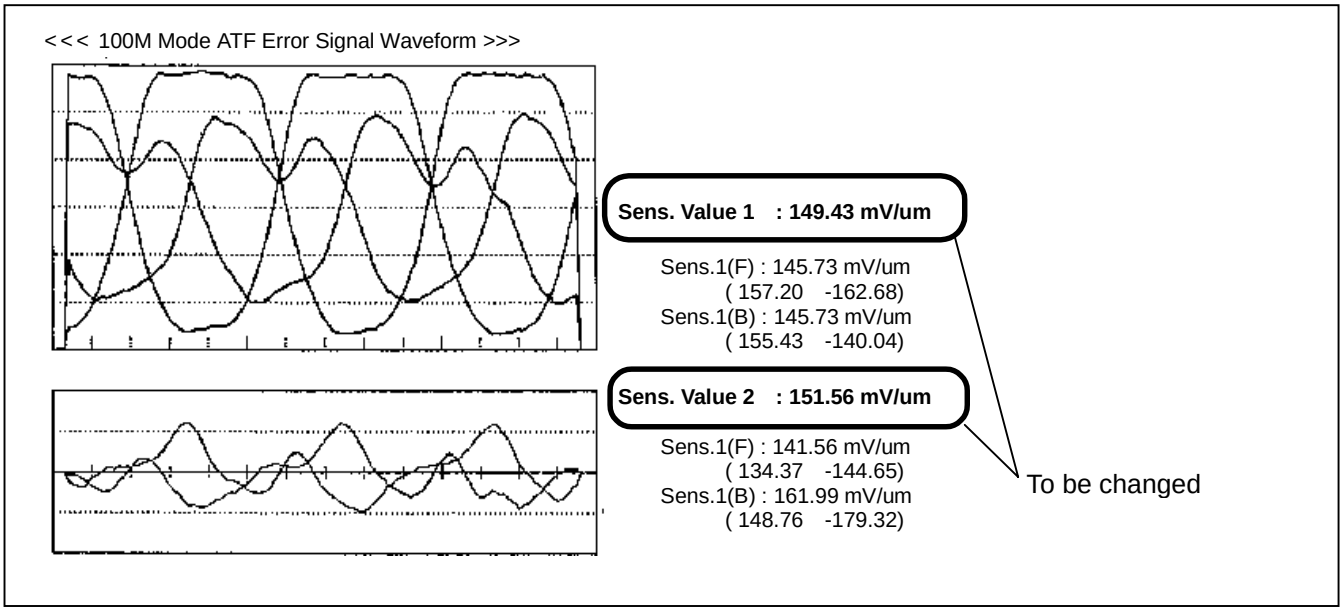


1-35. LISTA Sensitivity Adjustment and Detection (HDLP)

TP	TP732: [ATF ERR L] TP722: [R/P L HSW] , (F7: SERVO)
DJ. **(ATF GAIN)**	Service menu: **RPL GAIN HDL**
MODE	PLAY
TAPE	VFM3781KM
SPEC.	150 ± 15 mV/um

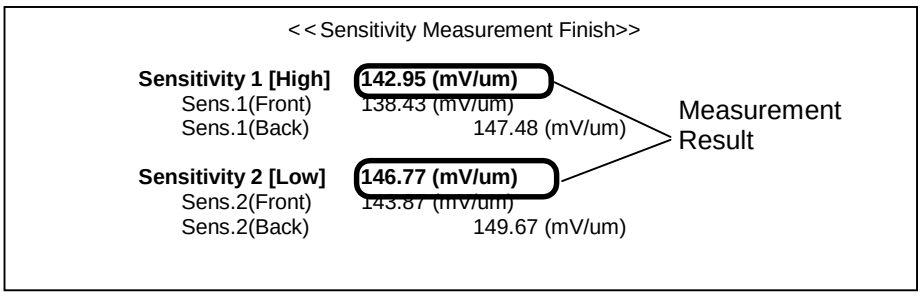
<Sensitivity Adjustment Procedure>

1. Open the SERVO ADJUST menu.
2. Select RPL GAIN HDL.
3. Playback the LISTA Alignment Tape.
4. Select the item "< 6> ATF Error Signal Monitor" on the LISTA main menu, and when message "1.2% Speed. . ." appears, press the Enter key.
5. Adjust the sensitivity by turning the JOG Dial while pressing down the SEARCH button so that the Sens. Value is in specification.
6. After the adjustment, press the ESC key to return to the main menu.



<Sensitivity Detection Procedure>

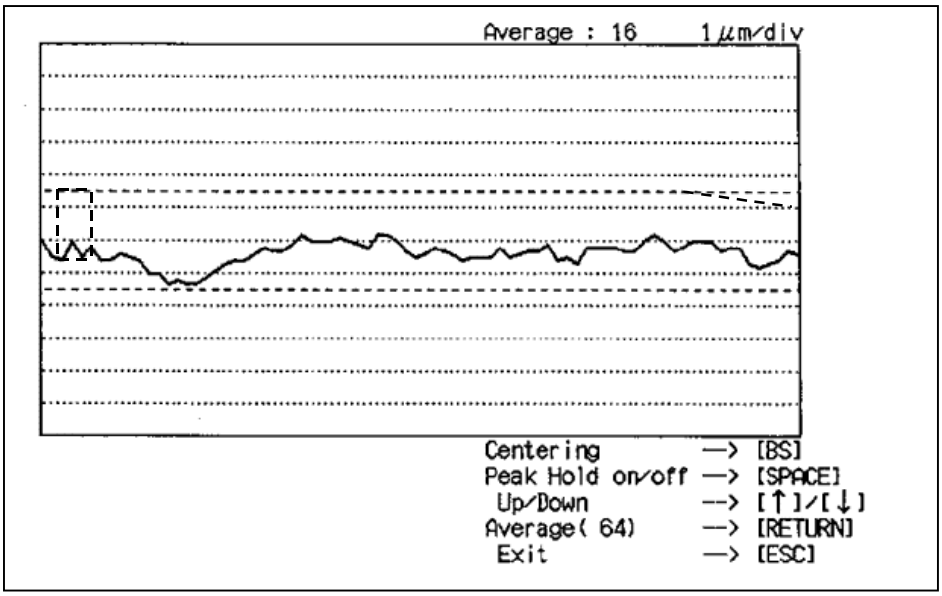
1. Open the SERVO ADJUST menu.
2. Select RPL GAIN HDL.
3. Playback the LISTA Alignment Tape.
4. Select the item "< 1> Sensitivity Measurement" on the LISTA main menu, and when message "1.2% Speed. . ." appears, press the Enter key.
5. Confirm that the Adjust the sensitivity 1 and 2 are in specification.
6. If not, perform the Sensitivity Adjustment again.
7. After the adjustment, press the ESC key to return to the main menu.



1-36. LISTA Linearity Adjustment and Waving Measurement (HDLP)

TP	TP732: [ATF ERR L] , TP722: [R/P L HSW] , (F7: SERVO)
ADJ.	S2 and T2 Post height Service menu : **RPL LIN HDLP**
MODE	PLAY
TAPE	VFM3781KM
TOOL	VFK1149A (Post Driver)
SPEC.	Linearity : less than 3um, Waving : less than 1.5um

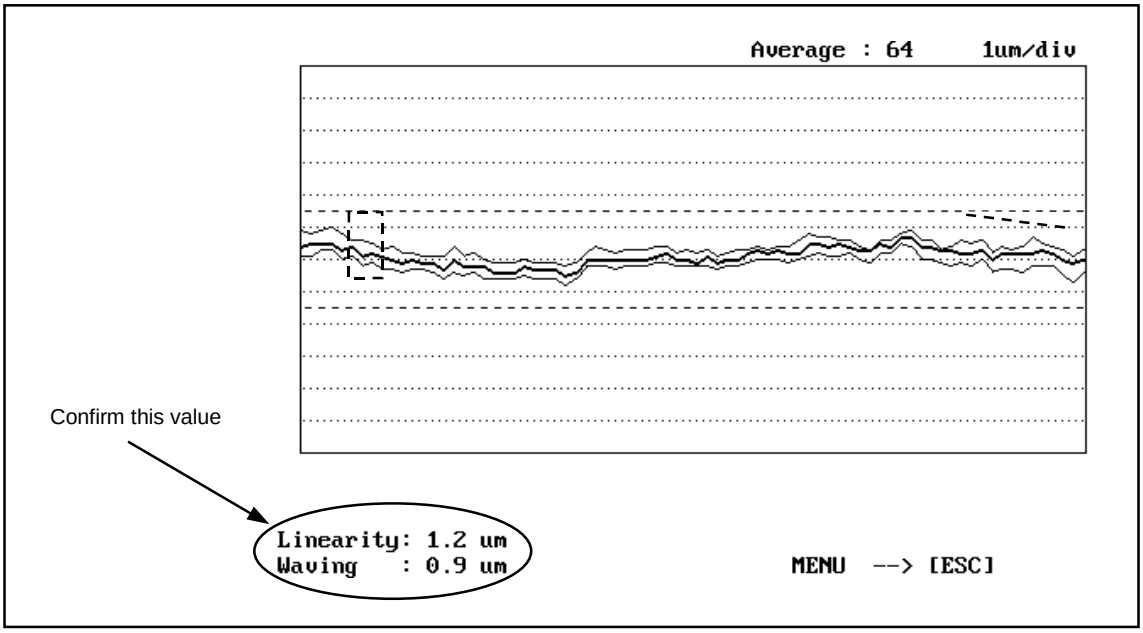
1. Open the SERVO ADJUST Menu.
2. Select the **RPL LIN HDLP** menu.
3. Playback the LISTA Alignment Tape.
4. Select the item "< 2> Linearity Measurement" on the LISTA Main Menu, then Linearity Waveform appears.
5. When the waveform is displayed on the screen, press the "BS (Back Space)" key to centerize the waveform. Adjust S2 and T2 post heights by using the post driver so that the linearity waveform becomes as flat as possible.
   (♦ Adjust linearity waveform between the red dot lines on the screen. Disregard the bending part at the exit side and the square at the entrance side.)
6. After the Linearity Adjustment, measure the numerical value of linearity and waving by pressing the space key.



POINT :
The left side of waveform (entrance side) is adjusted by height of S2 post and the right side of waveform (exit side) is adjusted by height of T2 post.
Lower part of above waveform is displayed as the cylinder lead.
When the post driver is removed from a post, linearity waveform may change.
After finishing this adjustment, eject the tape and insert the tape again to confirm that the shape of linearity waveform does not change.

Waving Measurement Procedures

1. Press “SPACE” key to perform the Peak Hold in 30 seconds while linearity is displayed.
2. After sampling the Peak Hold, press “SHIFT” and “ } ” key simultaneously on the Key Board, then the numerical values of “Linearity” and “Waving” are displayed. Confirm that the numerical values are in the specification. Also confirm that the waving level is almost equal from the entrance to the exit side. If the “Linearity” or “Waving” is out of specification, adjust height of S2 or T2 post.
3. Press the ESC key to return to the main menu.



Information : How to save the LISTA data.
Linearity waveform data and measurement value of linearity and waving can be saved as a file.

1. This operation is recommended to perform after linearity and waving measurement.
2. Select the item “< 3> Data Save/Load” on the LISTA main menu, and select the item “< 1> Save”.
3. The linearity waveform as Peak Hold is displayed on the screen, and message “File Name?” appears on the screen. Then entry the File Name less than 8 letters. And when the message “Comment?” appears on the screen, then entry the comment less than 20 letters. (e.g. Serial Number, Model Number, Head Rotation Hours etc.)
4. After saving, select the item “< 2> Load” in the item “< 3> Data Save/Load”, then the saved file names appear on the screen. And select a required file. By pressing “SHIFT” and “ } ” key simultaneously on the Key Board, the numerical values of “Linearity” and “Waving” is displayed on left lower portion of screen.

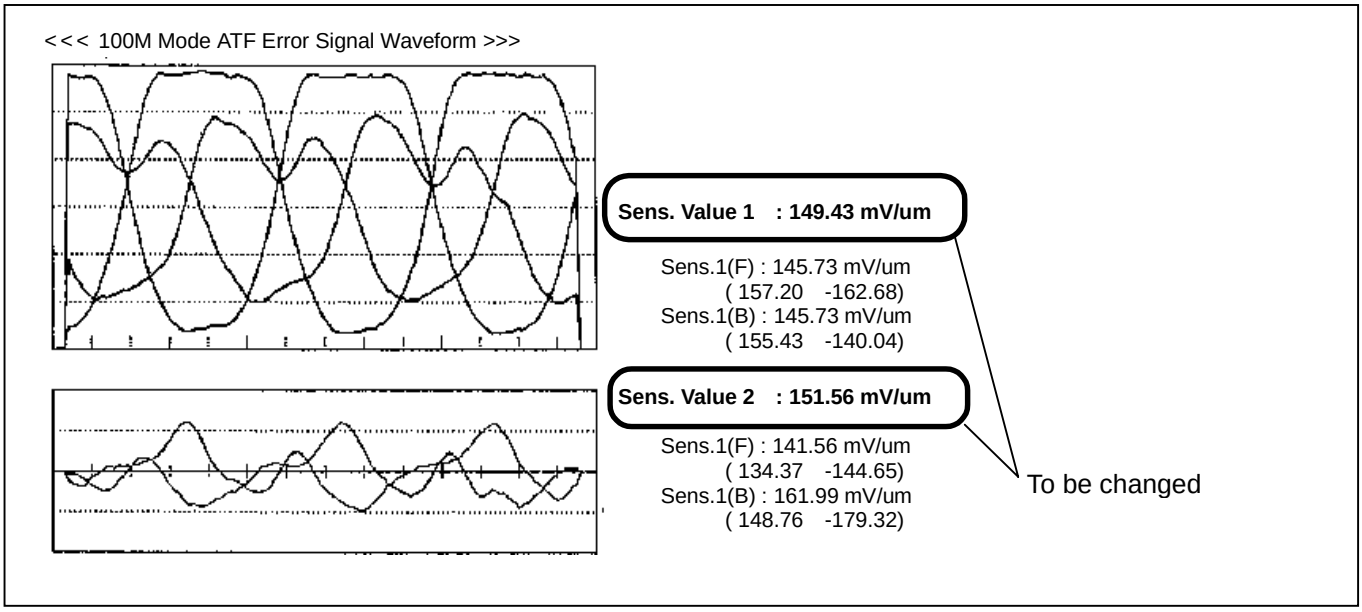
1-37. LISTA Sensitivity Adjustment and Detection (DV)

TP	TP734: [ATF ERR R] TP724: [R/P R HSW] , (F7: SERVO)
DJ. **(ATF GAIN)**	Service menu: **RPR GAIN DV**
MODE	PLAY
TAPE	**VFM3000EDS**
SPEC.	150 ± 30 mV/um

Note. In the main menu of AJ-HD1500, press the space key to go to **50M mode**.

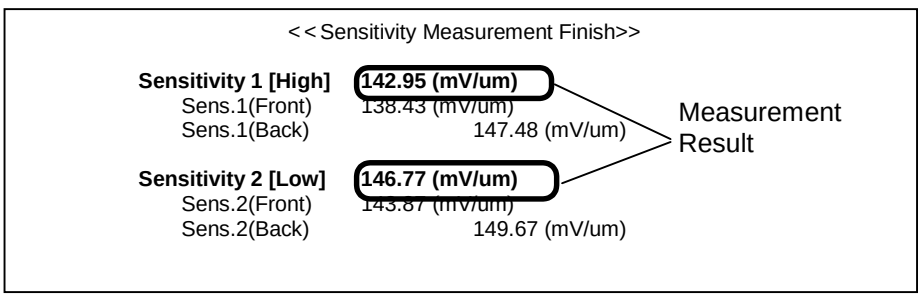
<Sensitivity Adjustment Procedure>

1. Open the SERVO ADJUST menu.
2. Select RPR GAIN DV.
3. Playback the LISTA Alignment Tape.
4. Select the item "< 6> ATF Error Signal Monitor" on the LISTA main menu, and when message "1.2% Speed. . ." appears, press the Enter key.
5. Adjust the sensitivity by turning the JOG Dial while pressing down the SEARCH button so that the Sens. Value is in specification.
6. After the adjustment, press the ESC key to return to the main menu.



<Sensitivity Detection Procedure>

1. Open the SERVO ADJUST menu.
2. Select RPR GAIN DV.
3. Playback the LISTA Alignment Tape.
4. Select the item "< 1> Sensitivity Measurement" on the LISTA main menu, and when message "1.2% Speed. . ." appears, press the Enter key.
5. Confirm that the Adjust the sensitivity 1 and 2 are in specification.
6. If not, perform the Sensitivity Adjustment again.
7. After the adjustment, press the ESC key to return to the main menu.



1-38. Self-REC/PLAY Envelope Waveform Confirmation

SPEC.	All of the head outputs are within the specification as shown below. · When using the M Cassette (66 min.) or L Cassette (126 min.) V1/Vmax, V3/Vmax ≥ 0.7 V2/Vmax ≥ 0.8 When using the Long Time L Cassette V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.7
TP	TP201 (R/P L ENV: H4 Board), TP201 (R/P R ENV: H5 Board), TP722 (R/P L HSW: Servo Board)
MODE	REC, PLAY
M. EQ.	Oscilloscope
TAPE	M Cassette (66 min.) , Long play L Cassette

1. Input the color bar signal and record it.
2. Playback the just recorded portion, and confirm the ENV output is within the specification.
3. If it is out of specification, execute the items “ENV Waveform Adjustment” and “LISTA Adjustment”.
4. Execute the same confirmation with Long Play Tape (L-Cassette) too.

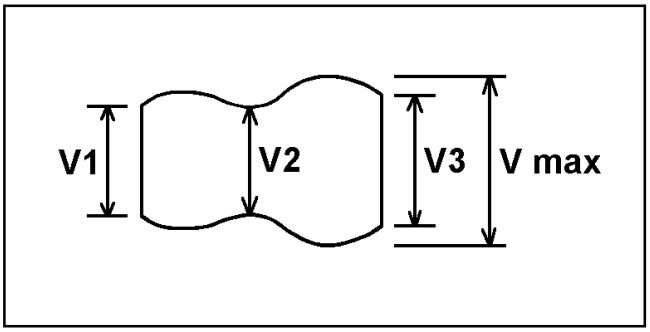


Figure 1-38-1

1-39. DV Compatible PLAY ENV Waveform Adjustment

TP	TP201 : R/P L ENV (RFEQ : H4) TP201 : R/P R ENV (RFEQ : H5) TP722 : R/P L HSW (SERVO board : F7)
MODE	PLAY
M. EQ	Oscilloscope
TAPE	**NTSC:** VFM3010EDS (DV Color Bar)
SPEC.	V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.8

1. Playback the Alignment Tape, and confirm the ENV output is within the specification.
2. If it is out of specification, execute the items “ENV Waveform Adjustment” and “LISTA Adjustment”.

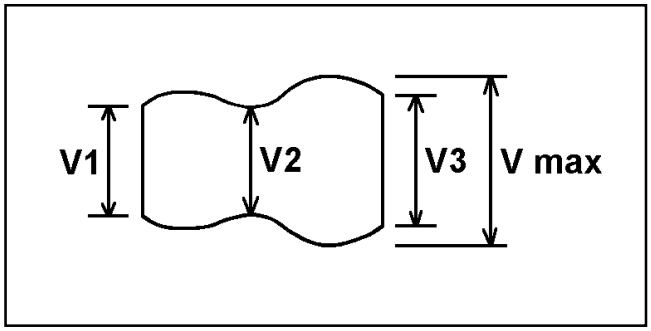


Figure 1-39-1

2. Replacement and Adjustment Procedures of Major Parts

General

When replacing the parts, be careful the following items.

1. Turn OFF the power supply surely when replacing the parts.
2. Refer to the “Servicing Fixture and Tools” chart regarding the special tools which using in the replacement.
3. Use the proper tools.
4. After replacement the parts, perform the cleaning surely according to the “Cleaning Procedures”.

Refer to the Sec. 1 of Service Information regarding to the each parts maintenance schedule.

2-1. Replacement of Cylinder Unit

(Remove)

1. Disconnect the flexible cable on the Cylinder Unit from the connector.
2. Disconnect the flexible cable from the connector P33 on the MECHA I/F Board (located at the rear side of Mechanical Chassis Unit).
3. Unscrew the 3 screws (A) with spring which fixes the Cylinder Unit as shown in Fig. 2-1-1 and then pull out the Cylinder Unit not to touch with the other mechanical parts.

Note :

When the Cylinder unit is pulled out, do not touch it with the finger directly.

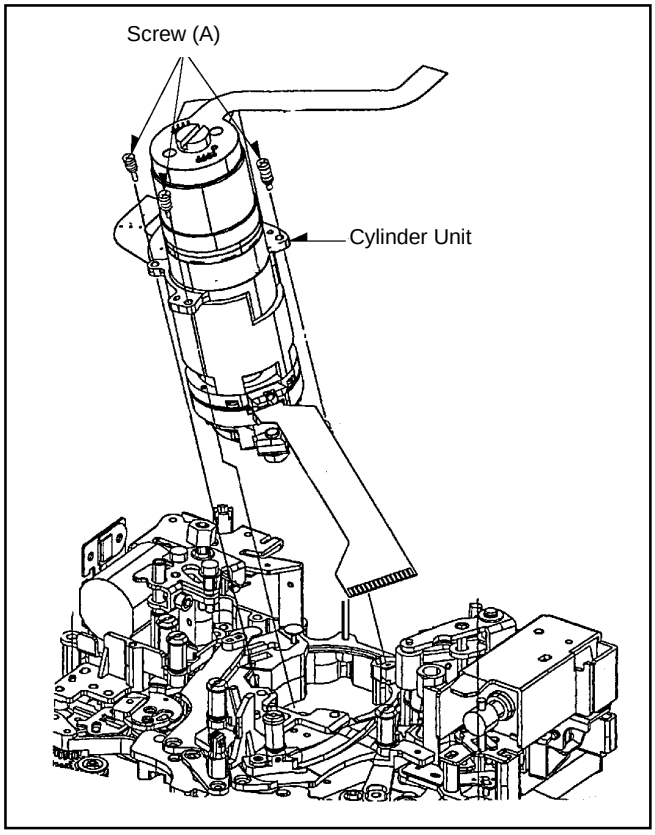


Fig. 2-1-1

(Install)

1. Install the Cylinder Unit in reverse order to the removal procedure.

Note :

When installing the Cylinder Unit, be careful to be inserted the pin of Mechanical Chassis side to the fixed position on the bottom side of the Cylinder.

2-2. Replacement of Cleaning Arm Unit

(Remove)

1. Remove the Cut Washer (A) as shown in Fig. 2-2-1 and the spring hooking the Cleaning Arm Unit and then, remove the Cleaning Arm Unit.

Note :

Do not touch with the Cleaning Roller directly.

(Install)

1. Install the Cleaning Arm Unit to the pin on the Mechanical Chassis Unit and the cut washer (A) then hook the spring to the Cleaning Arm Unit.
2. After installation, the position adjustment of the Cleaner Solenoid is required.

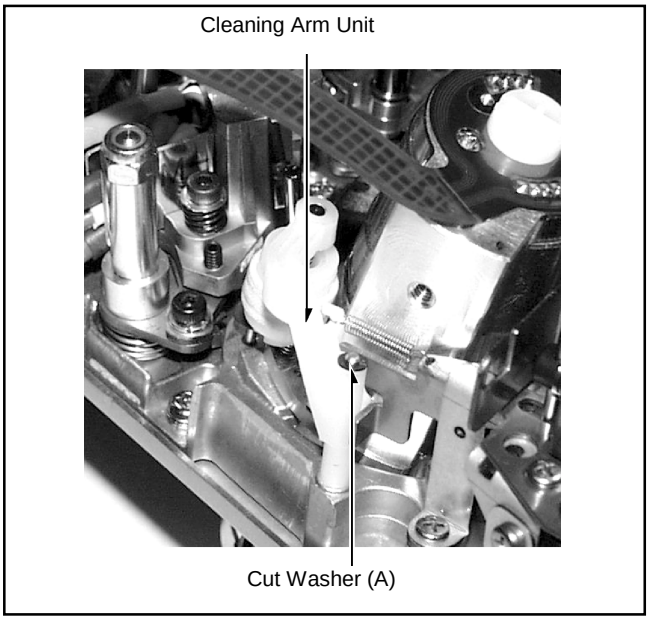


Fig. 2-2-1

(Position Adjustment of Cleaner Solenoid)

1. Press the core of Cleaner Solenoid.
2. Confirm that the gap (C) between the Cleaner Connection Rod and Cleaner Arm Unit is 0.95mm and the gap (D) is 0.7±0.1mm as shown in Fig. 2-2-2.
3. If the out of specification, loosen the 2 screws (B) as shown in Fig. 2-2-2.
4. Move the Cleaner Solenoid to an arrow direction so that the gap (C) and (D) are within the specification.
5. Press the core of Cleaner Solenoid by hand.
6. Confirm that the Cleaner Roller touches with the Cylinder and returns to the original position when release the hand from it.

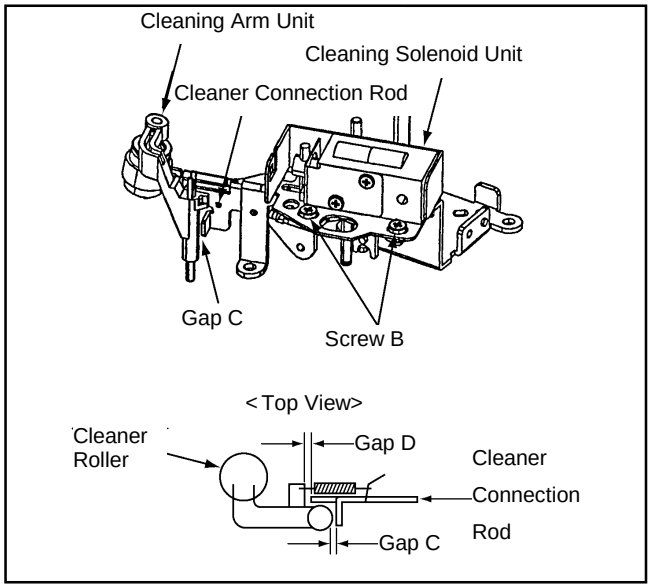
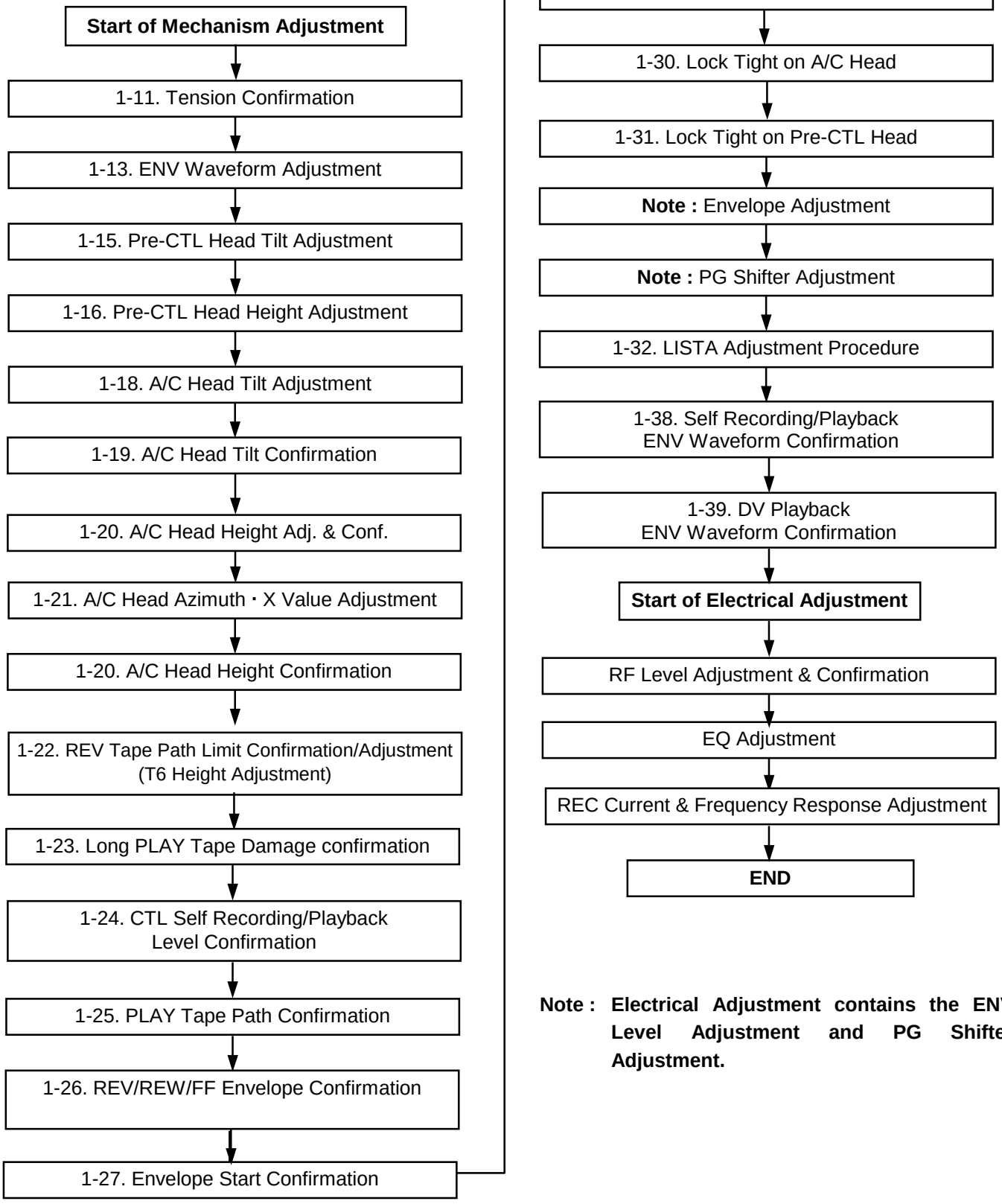


Fig. 2-2-2

2-3. Adjustment after Replacement of Cylinder Unit

1. Perform the each Adjustments according to the following chart after replacement of the Cylinder Unit.



Note : Electrical Adjustment contains the ENV Level Adjustment and PG Shifter Adjustment.

2-4. Pinch Solenoid Replacement

(Removal)

1. Disconnect the connector P20 on the Mech.I/F P.C.Board.
2. Unscrew the 2 screws(A) and remove the Pinch Solenoid cover and Pinch Solenoid Angle as shown in Figure 2-4-1.
3. Unscrew the 2 screws(B) and remove the Pinch Solenoid with the Solenoid Base as shown In Figure 2-4-1.
4. Unscrew the 2 screws(C) and remove the Pinch Solenoid as shown In Figure 2-4-1.

(Installation)

1. Install the Pinch Solenoid follow the removal steps in reverse order. After installation, adjust the Pinch Solenoid Position Adjustment.

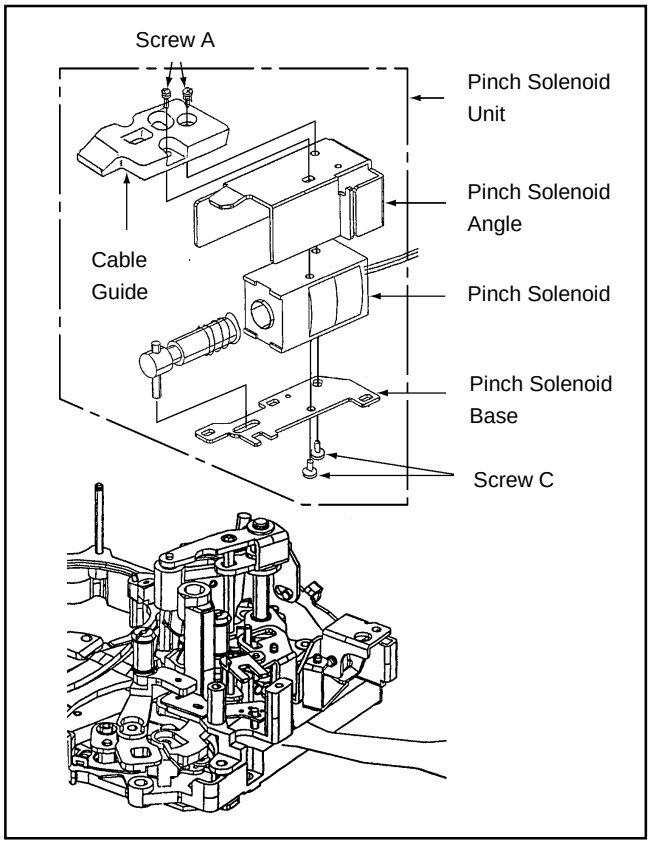


Fig.2-4-1

2-5. Pinch Solenoid Position Adj.

ADJ.	Screws(B),(C) and Hole (B)
TP	Clearance T
MODE	EJECT(Power Off)
TOOL	VFK0357 (Eccentric Driver)
SPEC	T=0.3mm to 0.5mm

1. Confirm that the Pinch Solenoid Cover and Pinch Solenoid Angle are removed .
2. Turn the Emergency Screw clockwise, and place the VTR in loading condition
3. Press the core of Pinch Solenoid so that the Pinch Roller touches with the Capstan.
4. Loosen the 2 screws(C),(D) and Adjust hole(B) by VFK0375 so that the clearance(T) is within specification.
5. After position adjustment, fix the solenoid position with screw(C),(D)

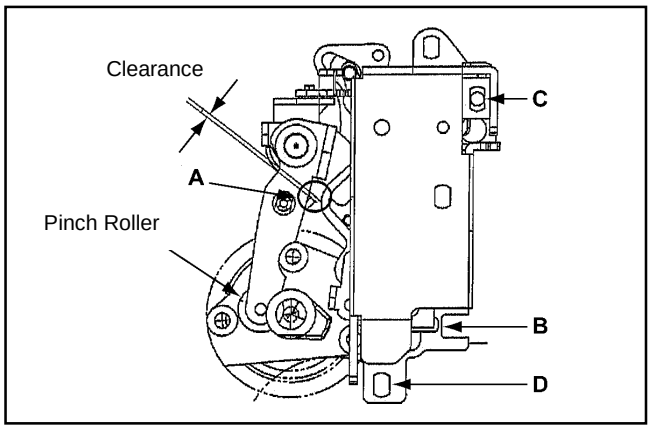


Fig.2-5-1

2-6. Replacement of Capstan Unit

(Remove)

1. Disconnect the connector P36 on the MECHA I/F Board. (rear side of the Mechanical Chassis)
2. Unscrew the 3 screws (A) as shown in Fig. 2-6 and then remove the Capstan Unit from the lower side of Mechanical Chassis.

(Install)

1. Install the new Capstan Unit in reverse order of the removal procedure.

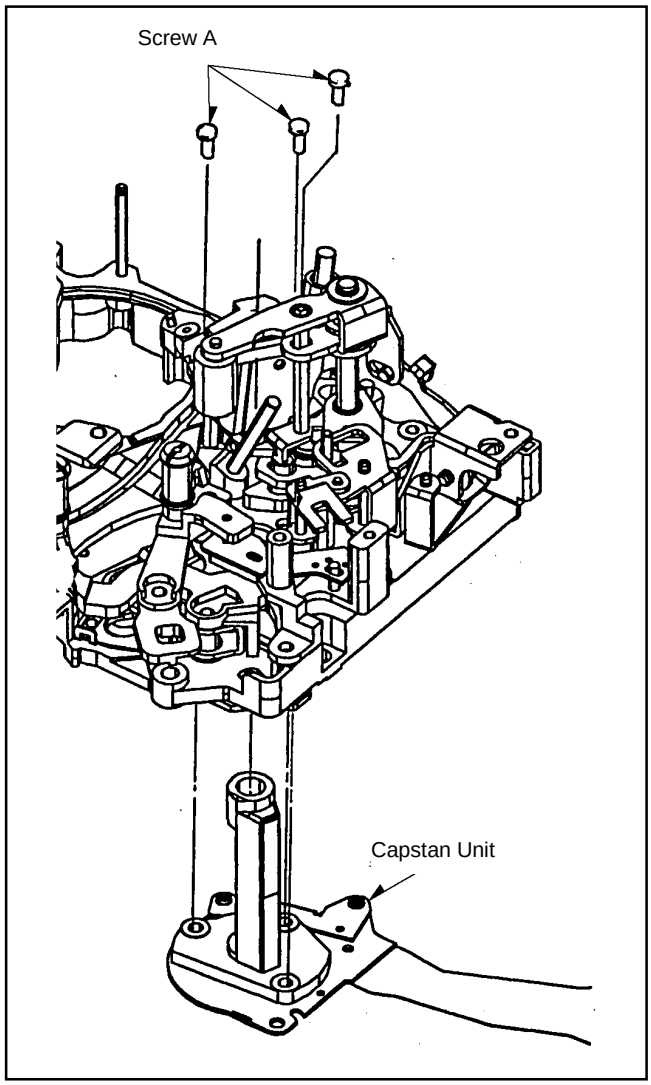


Fig. 2-6

2-7. Replacement and Adjustment of A/C Head Unit

(Remove)

1. Unscrew the spring screw(A) as shown in Fig.s 2-7-1 and 2-7-2 and then remove the A/C Head 1 Unit.

(Install)

1. Install the A/C Head 1 Unit in reverse order of the removal procedure. Tighten the screw (A) with 10cN･m (1Kgf･m) torque.
2. Clean the surface of A/C Head.

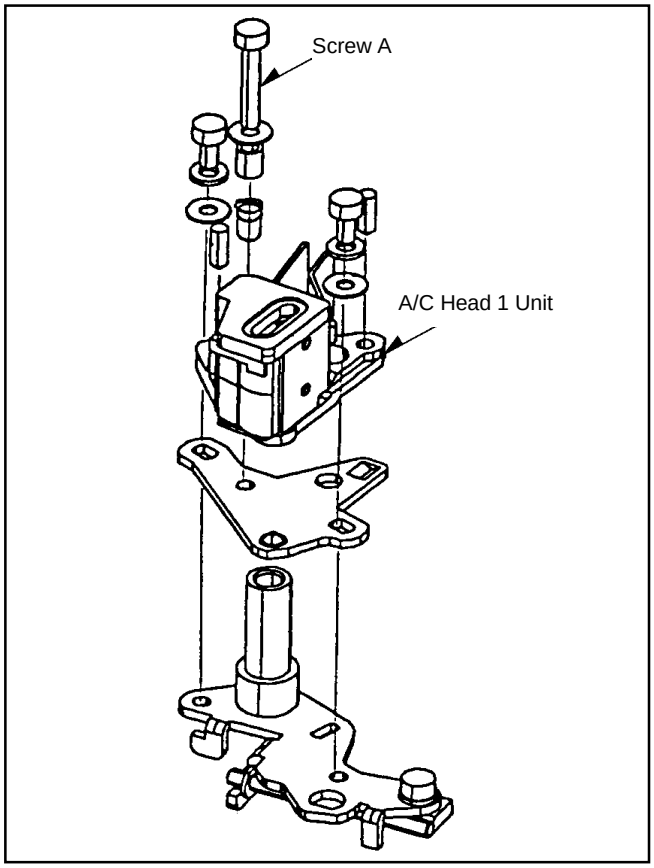


Fig. 2-7-1

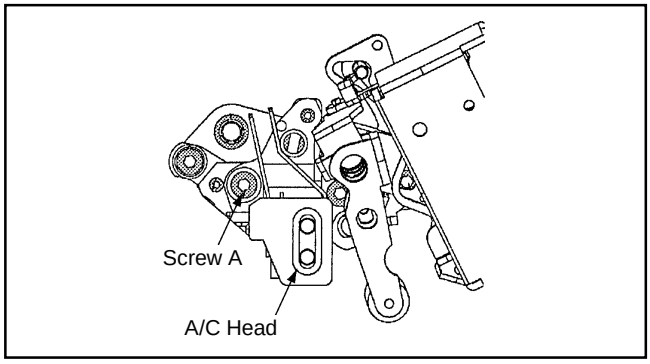
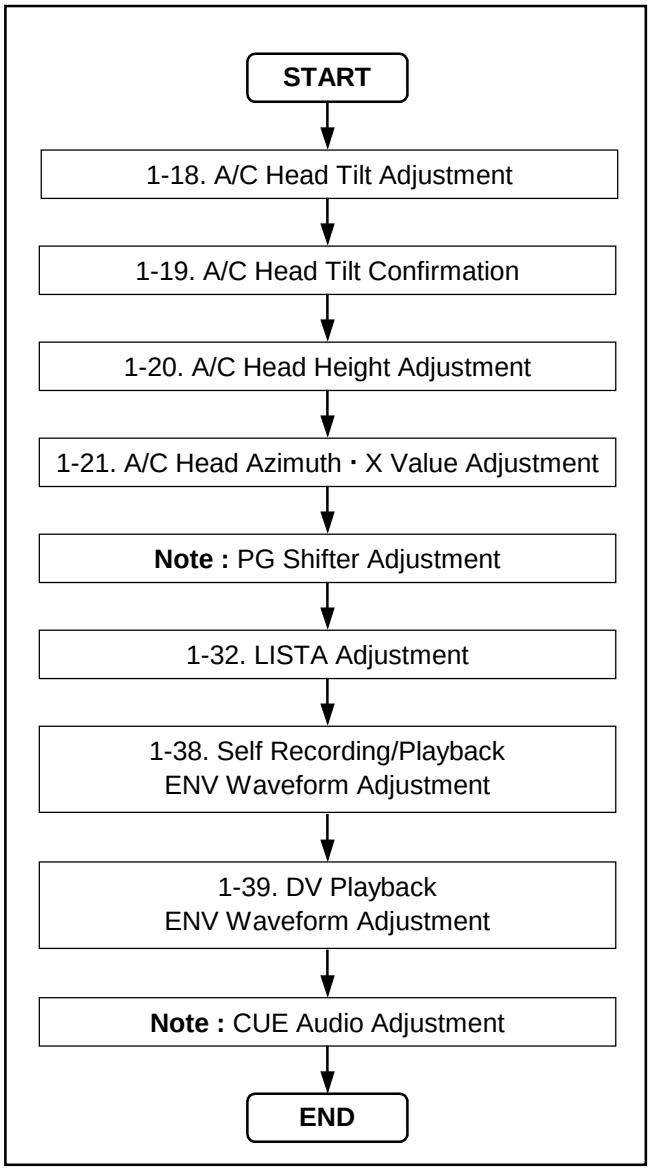


Fig. 2-7-2

< A/C Head Adjustment >

1. Necessary adjustments and confirmation items after replacement of A/C Head Unit is shown in the below flow chart.



Note : Electrical Adjustment Procedures contains the PG Shifter and CUE Audio Adjustment Procedure.

2-8. Replacement and Adjustment of Pre-CTL Head Unit

(Remove)

1. Confirm that the posts remain unloading status.
2. Disconnect the connector P51 on the MECHA I/F Board. (rear side of the Mechanical Chassis)
3. Loosen the hex screw (A) as shown in Fig. 2-8-1 and remove the Nut (B).
4. Remove the spring for Height Adjustment (B portion as shown in Fig. 2-8-1), and then pull up the Pre-CTL Head Unit.

Point :

Memorize the height position of Nut (B) before removal of it.

4. Unscrew the spring screws (C) and (D) as shown in Fig. 2-8-2 and then remove the Pre-CTL Head (1) Unit.

(Install)

1. Install the new Pre-CTL Head (1) Unit in reverse order of the removal procedure. Tighten the screw (C) with 10cN･m torque.

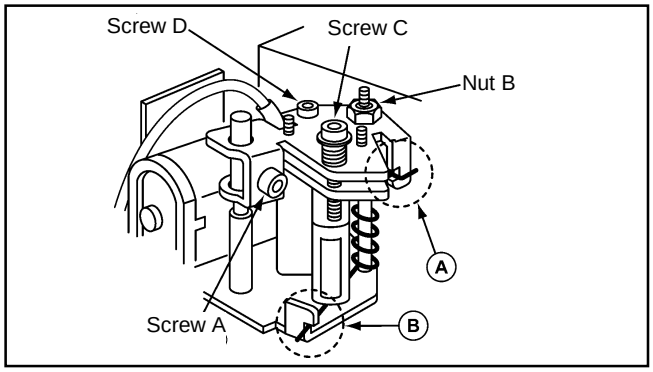


Fig.2-8-1

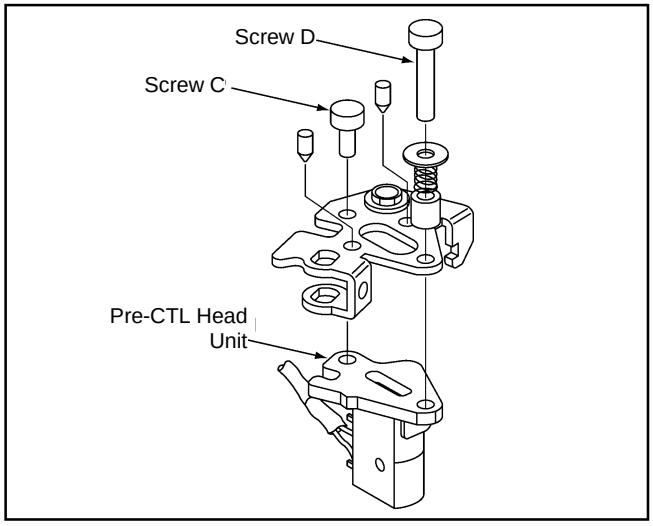
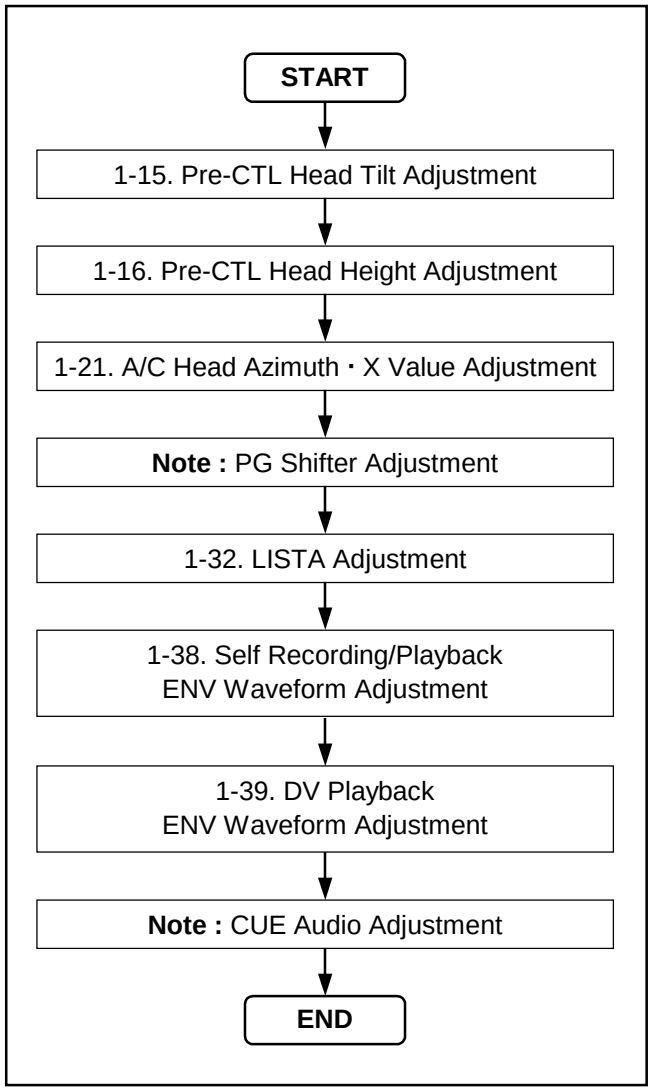


Fig.2-8-2

< Pre-CTL Head Adjustment >

1. Necessary adjustments and confirmation items after replacement of Pre-CTL Head Unit is shown in the below flow chart.



Note : Electrical Adjustment Procedures contents the PG Shifter and CUE Audio Adjustment Procedure.

2-9. Replacement and Adjustment of Cleaner Solenoid Unit

(Remove)

1. Disconnect the connector P11 on the MECHA I/F Board. (rear side of the Mechanical Chassis)
2. Unscrew the 2 screws (A) as shown in Fig. 2-9-1 and remove the Cleaner Solenoid Unit.
3. Unscrew the 2 screws (B) as shown in Fig.s 2-9-1 and 2-9-2 and remove the Cleaner Shield Case.
4. Unscrew the 2 screws (C) as shown in Fig. 2-9-2 and remove the Silencer Spring from the Cleaner Solenoid Unit.

(Install)

1. Install the new Cleaner Solenoid Unit in reverse order of the removal procedure.
2. Perform the Position Adjustment of the Cleaner Solenoid at the installation. (Refer to the "2-2. Replacement of Cleaning Arm Unit)

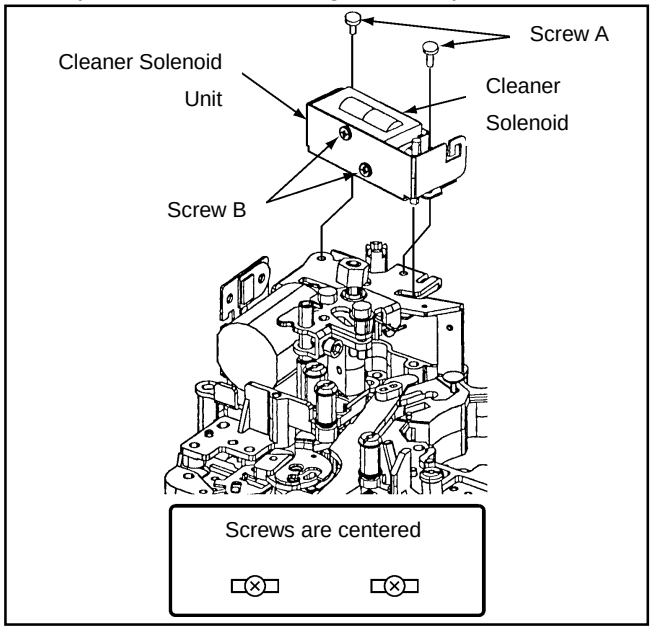


Fig. 2-9-1

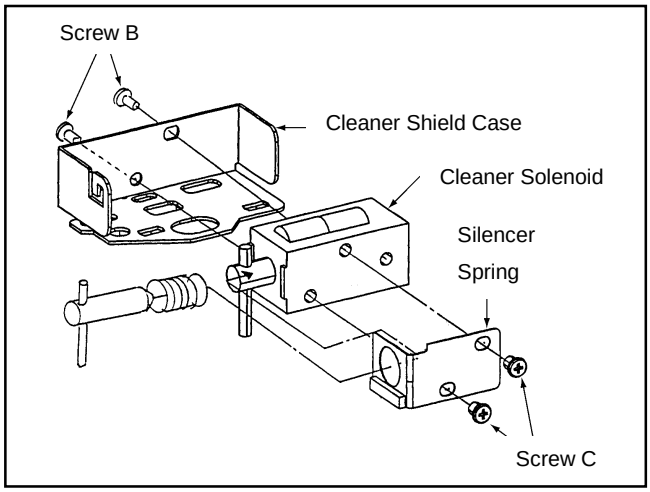


Fig. 2-9-2

2-10. Mode SW Unit Replacement

(Remove)

1. Confirm that the unit is in the unloading complete position.
2. Remove the cleaner solenoid unit. (Refer to 2-9)
3. Disconnect the connectors P11, P22, P32 and P52 on the Mech. I/F board.
4. Remove the spring on the cleaner arm unit.
5. Unscrew 3 screws A, and the Motor Bracket Unit. (Fig.2-10-1)
6. Unscrew the 2 screws B, and the Mode SW Unit.

(Install)

1. Install a new Mode SW Unit following the opposite way to the removal.
2. The pin at the bottom of the Mode SW should be put into the hole of the Main Cam Gear. (Fig.2-10-1)

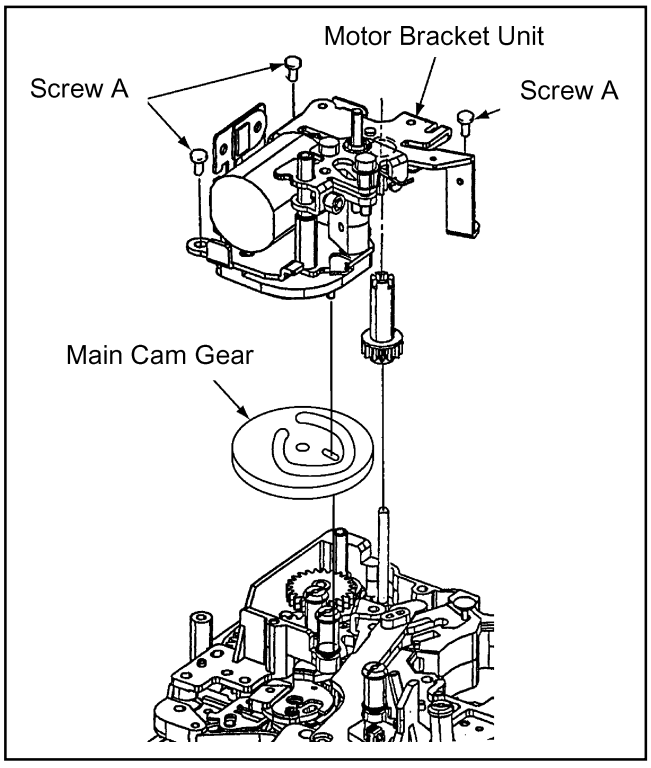


Fig.2-10-1

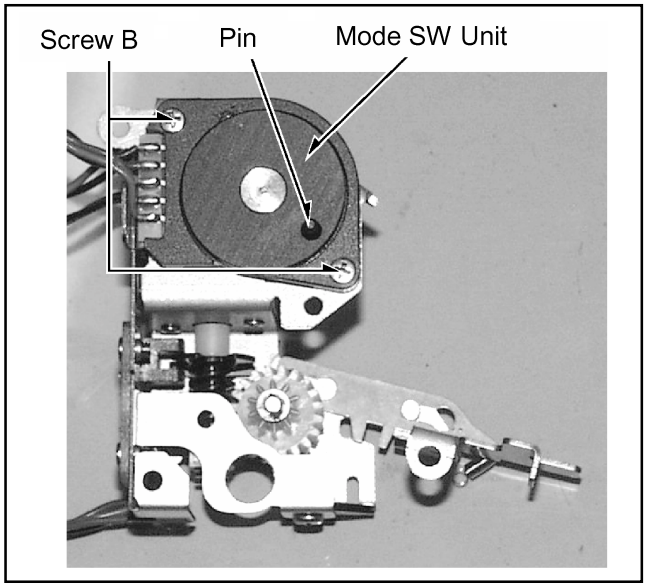


Fig.2-10-2

2-11. Main Cam Gear Replacement

(Remove)

1. Remove the Cleaner Solenoid. (Refer to 2-9)
2. Remove the Motor Bracket Unit. (Refer to 2-10)
3. Turn the Cam Relay Gear B counterclockwise to place the mech. in the loading complete mode. (Fig.2-11)
4. Remove the Loading Guide. (Refer to 2-14)
5. Remove the S Loading Arm Unit. (Refer to 2-14)
6. Remove the S Post Base Unit. (Refer to 2-12)
7. Remove the Cut Washer A and the Cam Relay Gear B. (Fig.2-11)
8. Remove the Cut Washer B and the Cam Relay Gear A.
9. Remove the Cut Washer C and the S Load Sector Gear Unit.
10. Remove the Cut Washer D and the S Relay Gear.
11. Remove the Cut Washer E and the Main Cam Gear.

(Install)

1. Install a new Main Cam Gear following the opposite way to the removal.
2. Make sure that the pin of the Mode SW and the hole of the Main Cam Gear are geared upon mounting the Motor Bracket.

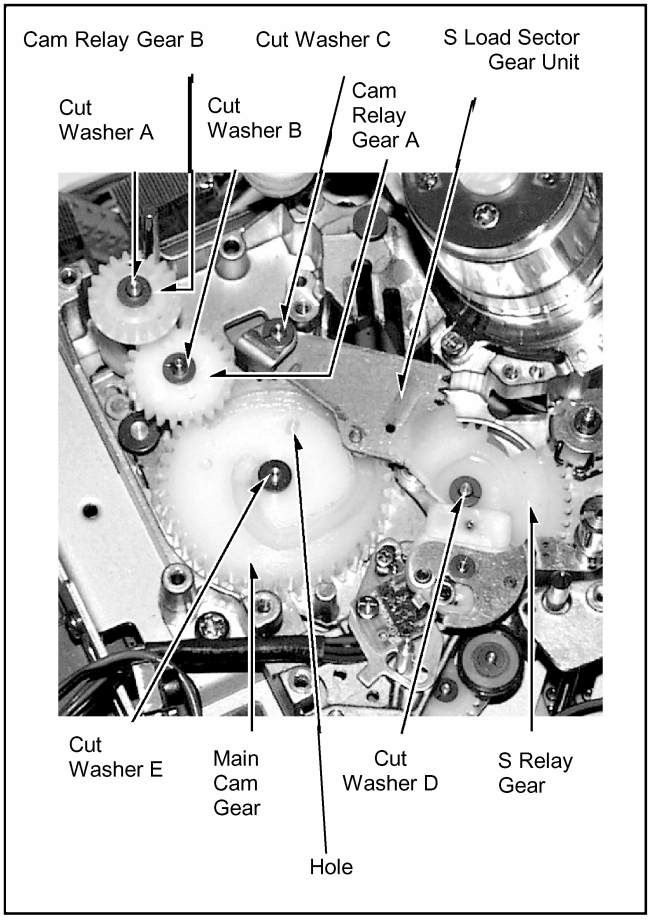


Fig.2-11

2-12. S4 Post Base Unit Replacement

(Remove)

1. Remove the 2 screws A and the S4 Post Base Unit.(Fig.2-12)

(Install)

1. Install a new S4 Post Base Unit following the opposite way to the removal.
2. The post height pre-adjustment and Linearity adjustment are required.

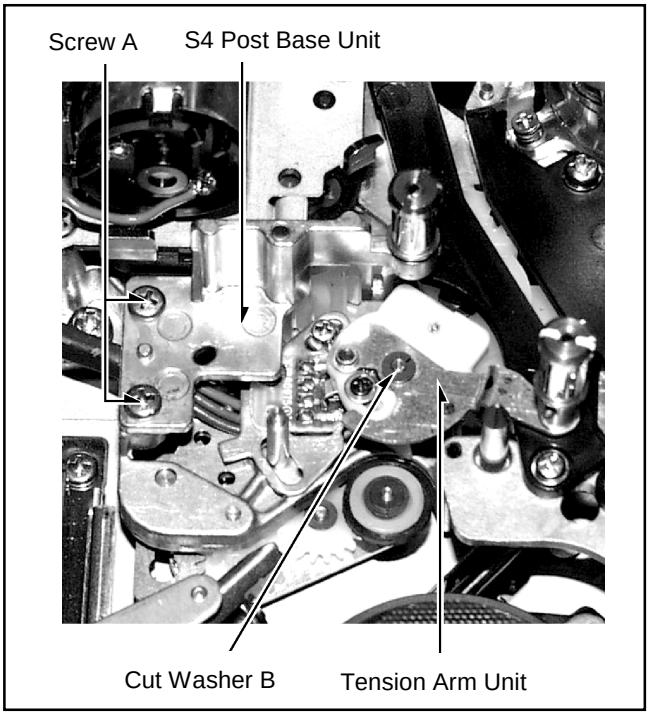


Fig.2-12

2-13. Tension Arm Unit Replacement

(Remove)

1. Remove the S4 Post Base Unit.(Refer to 2-12)
2. Remove the cut washer B and the tension spring. (Fig.2-12)
3. Remove the Tension Arm Unit.

(Install)

1. Install a new Tension Arm Unit following the opposite way to the removal. The spring must be fixed prior to installing the Tension Arm Unit.
2. The Tension Arm Adjustment is required. (See the flowchart below.)

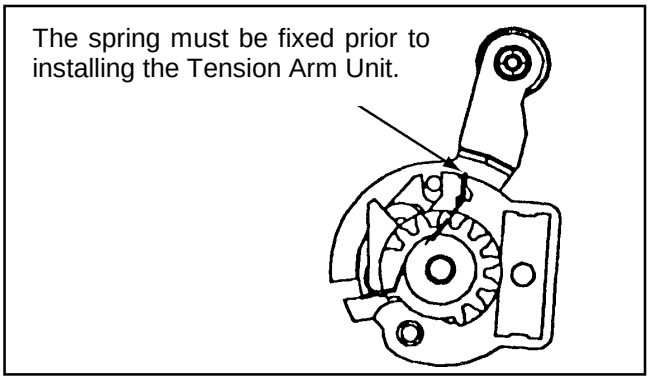
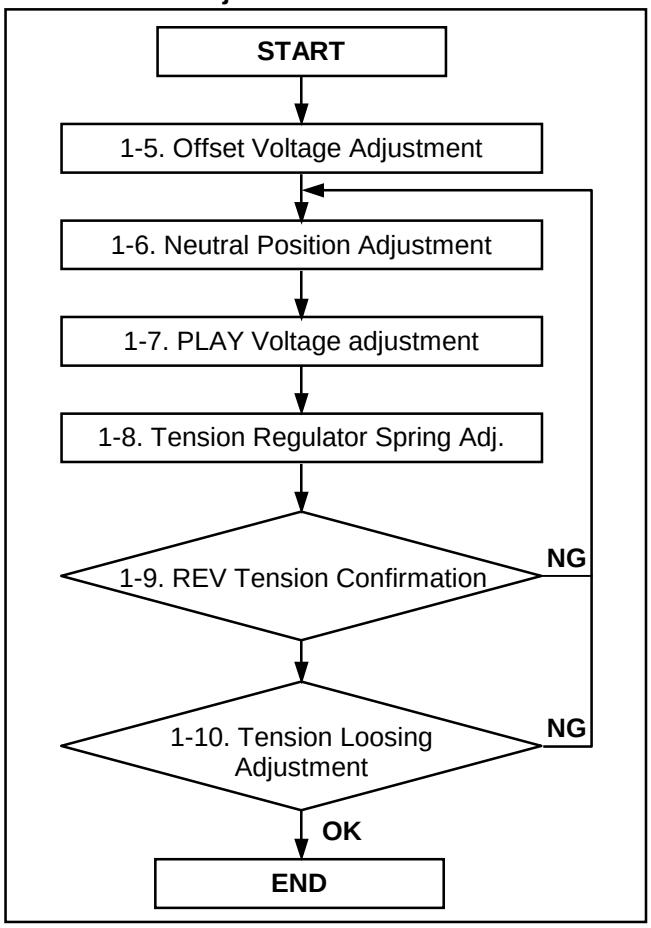


Fig.2-13

<Tension Arm Adjustment Flowchart>



2-14. S Loading Unit Replacement

(Remove)

1. Remove the Cleaner Solenoid unit. (Refer to 2-9)
2. Remove the Motor Bracket Unit. (Refer to 2-10)
3. Turn the Cam Relay Gear (B) counterclockwise to place the unit in the loading complete condition. (Fig.2-14-1)
4. Unscrew the 4 screws A and 2 screws B, then the loading guide. (Fig.2-14-1)
5. Turn the Cam Relay Gear (B) clockwise to return the unit in the unloading complete condition.
6. Remove the Cut Washer C and a washer, and then the S Loading Unit.(Fig.2-14-2)

(Install)

1. Install a new S Loading Unit following the opposite way to the removal.
2. The hole D of the S Loading Unit and the hole E of the S Sector Gear should be geared each other.

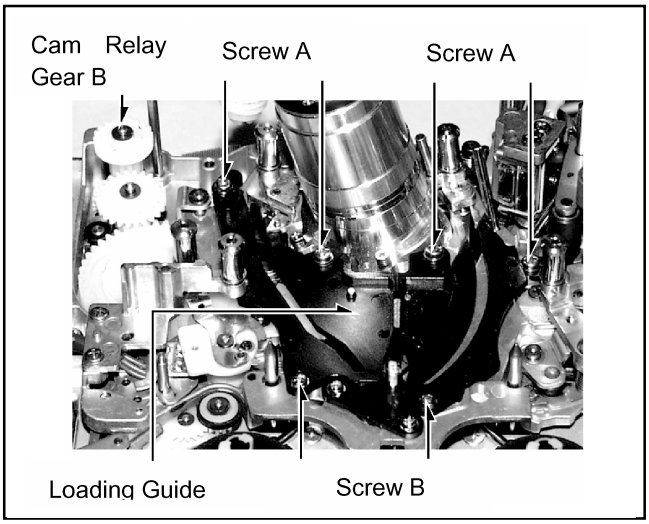


Fig.2-14-1

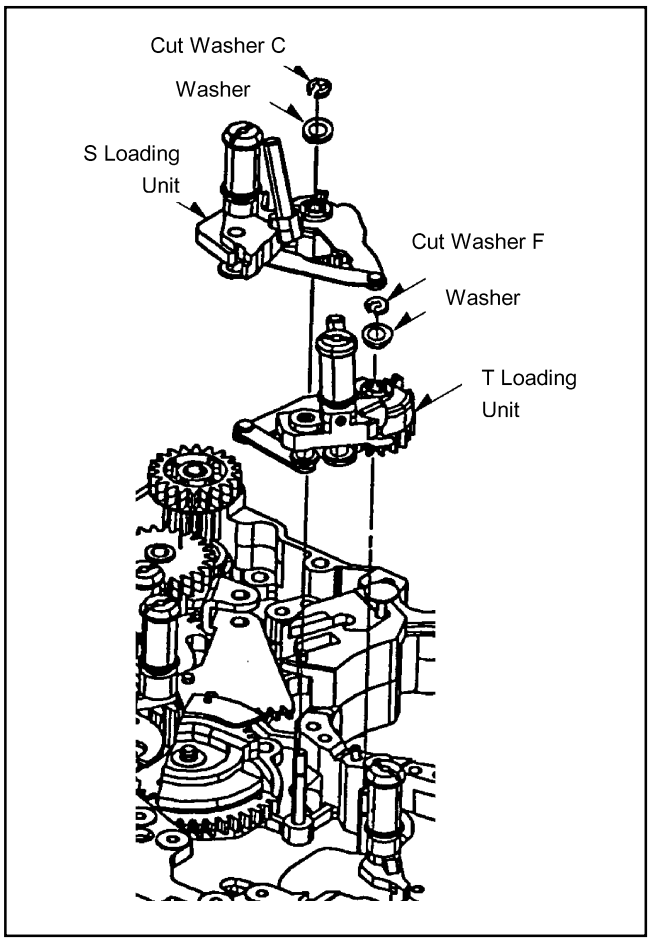


Fig.2-14-2

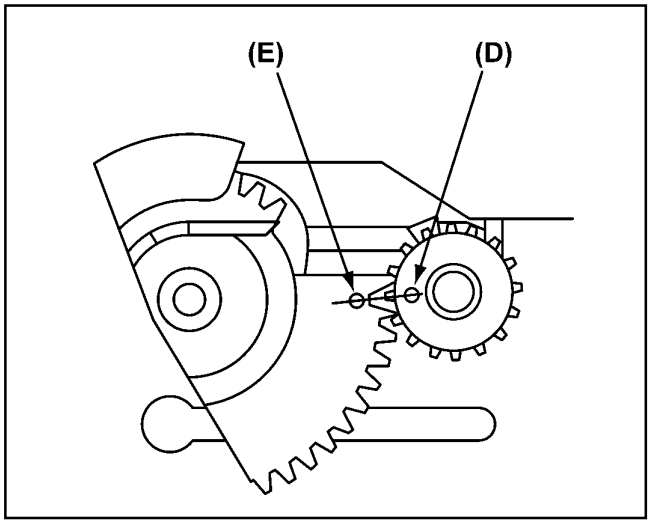


Fig.2-14-3

2-15. T Loading Unit Replacement

(Remove)

1. Remove the S Loading Arm Unit. (Refer to 2-14)
2. Remove the Cut Washer F and a Washer to remove the T Loading Unit. (Fig.2-14-2)

(Install)

1. Install a new T Loading Unit following the opposite way to the removal.
2. The hole (G) and (H) should be geared. (Fig.2-15)

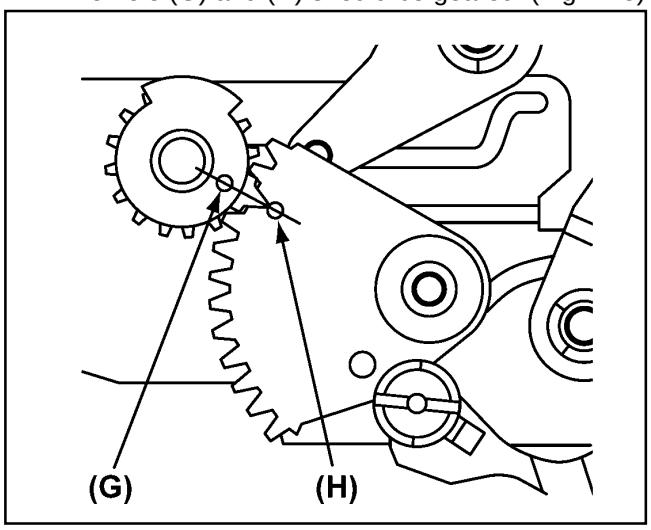


Fig.2-15

2-16. T6 Arm Unit Replacement

(Remove)

1. Remove the Cut Washer A and a Washer to remove the T6 Arm Unit. (Fig.2-16)

(Install)

1. Install a new T6 Arm Unit following the opposite way to the removal.
2. The Post Height Pre-adjustment and the Linearity Adjustment are required.

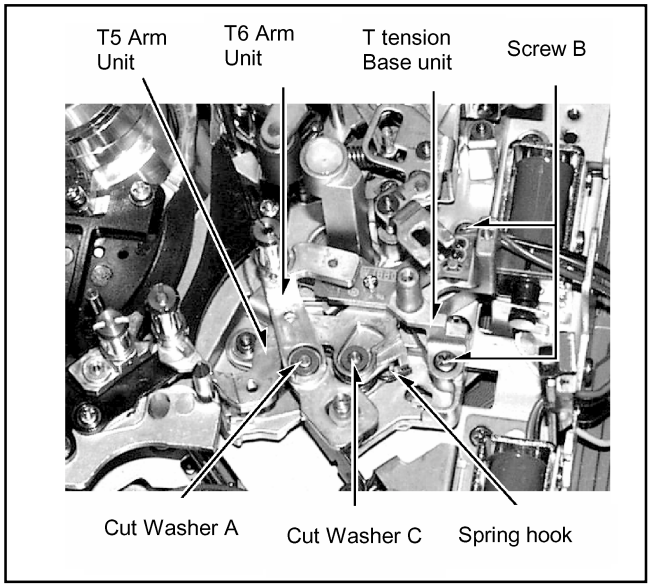


Fig.2-16

2-17. T5 Arm Unit Replacement

(Remove)

1. Remove the T6 Arm Unit. (Refer to 2-16)
2. Remove the Pinch Solenoid Unit. (Refer to 2-4)
3. Unscrew the 2 screws B, and the T Tension Base Unit. (Fig.2-16)
4. Remove the Cut Washer C and a Washer to remove the T5 Arm Unit. (Fig.2-16)

(Install)

1. Install a new T5 Arm Unit following the opposite way to the removal. Make sure the position where the spring hooks.
2. The Post Height Pre-adjustment and the Linearity Adjustment are required.

2-18. S and T Reel Rotor Unit Replacement

(Remove)

1. Disconnect the P34 and the cable between P34 and P35 on the backside of the Mech. I/F board.
2. Confirm that S and T brake solenoids are released.
3. Confirm that the reel table is in the M cassette position. Press the core of the M stopper solenoid to release the M Stopper.
4. Unscrew the screw A through the hole C. (Fig.2-18-1)
5. Unscrew the screw B.
6. The Rotor Unit hangs on the inner rail. (Fig.2-18-2) Remove the Rotor Unit carefully not to touch the brake release arm.
   NOTE: Remember where the arm unit is mounted in the bottom of the rotor unit. It can be found by grease remain.

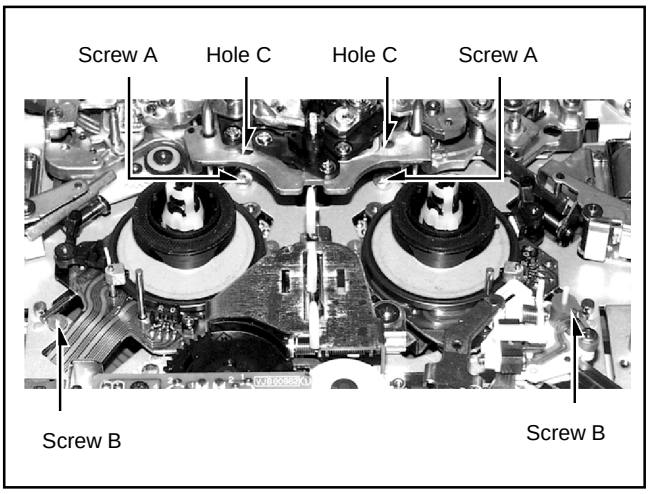


Fig.2-18-1

(Install)

1. Hang the Reel Rotor on the rail. Put the pin of the arm unit into the guide on the bottom of the rotor unit. (Fig.2-18-2)
2. Install the Reel rotor unit.
3. Fix the outer rail with screws A and B.
4. Confirm that the reel base unit smoothly moves on the rail by hand.
5. Move the Reel rotor to the front side. Pull the core of the M stopper solenoid.
6. Confirm the Main Brake Torque.
7. Connect the cable again between the P34 and P35.
8. Adjust both S and T reel torque offset. (Electric Adjustment)
9. Confirm the tape tension on PLAY mode. (Refer to the Tape Tension Confirmation)

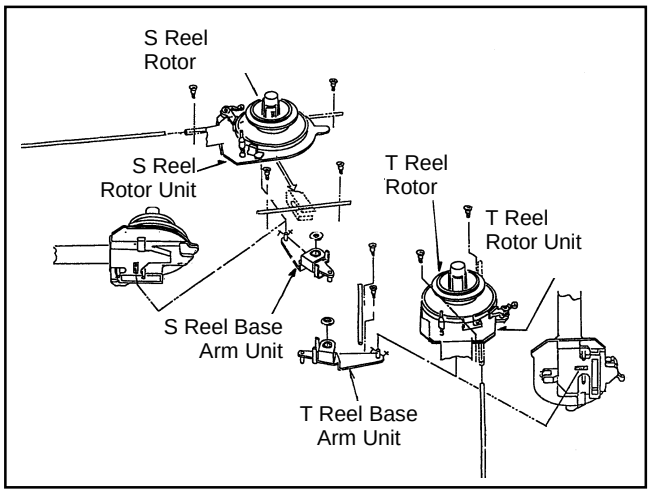


Fig.2-18-2

2-19. Main Brake Torque Confirmation

TP	S Reel, T Reel
MODE	EJECT (POWER OFF)
TOOLS	Dial Torque Gauge (VFK1191A) Torque Gauge Adaptor (VFK1152)
SPEC.	Direction A : 0.4cNm ± 0.2cN·m (20gf·cm ± 10gfcm) Direction B : 0.2cNm ± 0.1cN·m (20gf·cm ±10gfcm)

1. Attach the adaptor (VFK1152) to the gauge (VFK1191A)
2. The following procedure is common for both S and T reels.
3. Push the core of the solenoid away from the reel, and pull it back to contact the reel.
4. Put the torque gauge on the reel, and turn the gauge to the direction A until the brake starts slipping against the reel.
5. Measure the torque under the condition above, and confirm that it is in specification.
6. Remove the gauge once and push the core of the solenoid away from the reel.
7. Pull the core of the solenoid back to contact the reel, and put the gauge again on the reel.
8. Turn the gauge to the direction B until the brake starts slipping against the reel.
9. Measure the torque under the condition above, and confirm that it is in specification.

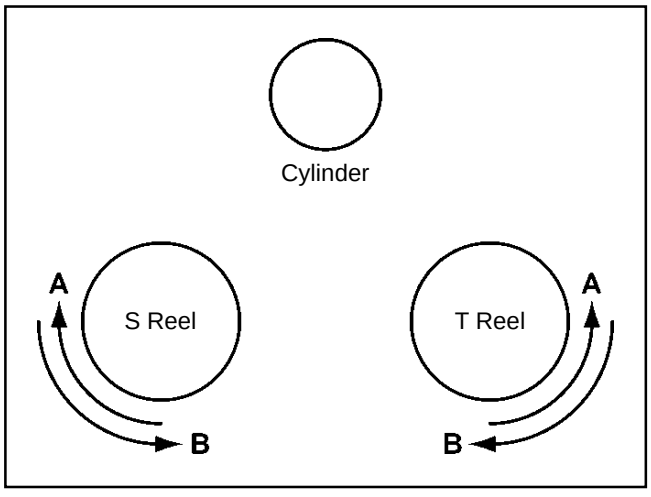


Fig.2-19

2-20. S and T Brake Arm Unit Replacement

(Remove)

1. Push the core of the brake solenoid to release the brake.
2. Remove the 2 cut washers A and the brake arm unit. (Fig.2-20)

(Install)

1. Install a new brake arm unit following the opposite way to the removal. Make sure the position where a brake arm spring hangs.
2. Confirm the Main Brake Torque. (Refer to 2-19))

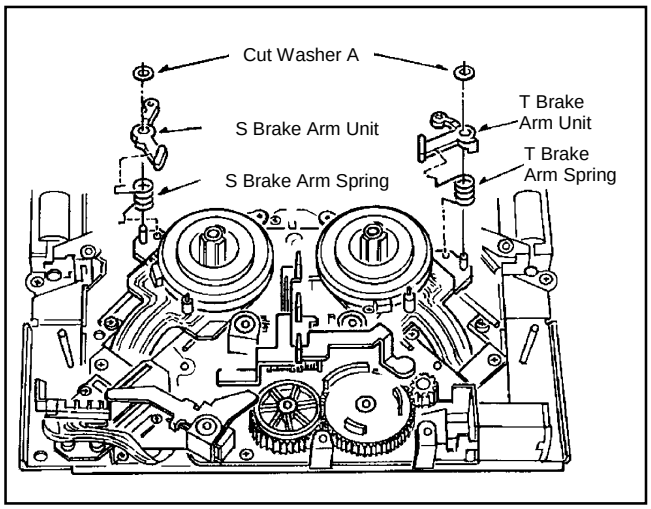


Fig.2-20

2-21.S-Brake Solenoid Replacement & Adjustment

(Removal)

1. Disconnect the connector P15 on the Mech.I/F Board.
2. Unscrew the 2 screws(A),and remove Supply Brake Solenoid Base Unit as shown in Figure 2-21-1.
3. Unscrew the 2 screws(B),and remove Supply Brake Solenoid as shown in Figure 2-21-1.

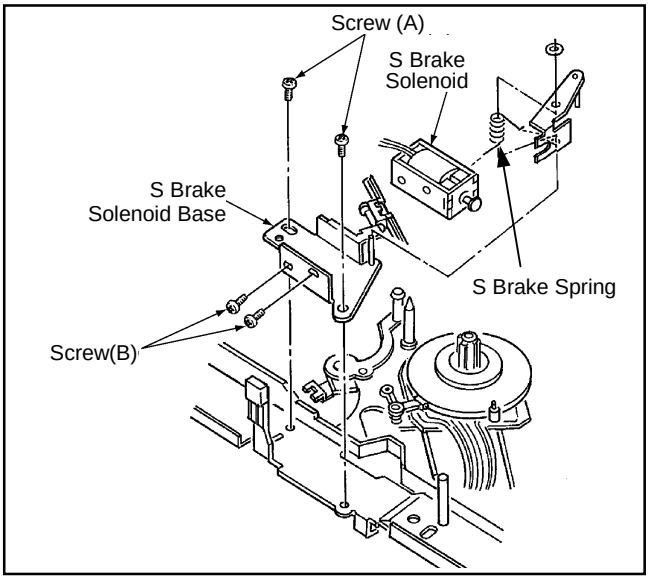


Fig.2-21-1

(Installation)

1. Install the Supply Brake Solenoid follow the removal steps in reverse order.
2. After installation, adjust the Solenoid Position Adjustment.

<Solenoid Position Adjustment>

1. Loosen the 2 screws(A)
2. Adjust the solenoid base position so that the Gap on the Mech. position is as shown in Figure 2-21-2.

< Specification>
Target position = Position C
Permissible range = from Position B to Position D

After adjustment, rotate the S-Reel and confirm that the gap(A) is more than 0.2mm at each Reel position (S/M/L) as shown in figure 2-21-3.

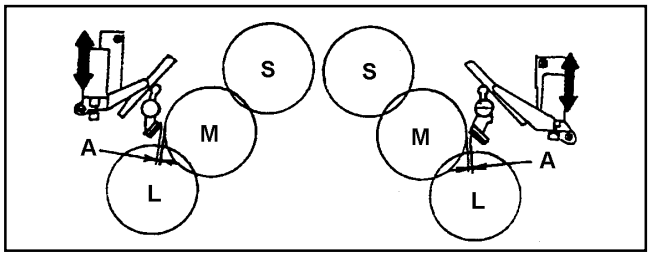


Fig.2-21-3

2-22.T-Brake Solenoid Replacement & Adjustment

(Removal)

1. Disconnect the connector P18 on the Mech.I/F Board.
2. Unscrew the 2 screws(A),and remove Take-up Brake Solenoid Base Unit as shown in Figure 2-22-1.
3. Unscrew the 2 screws(B),and remove Take-up Brake Solenoid as shown in Figure 2-22-1.

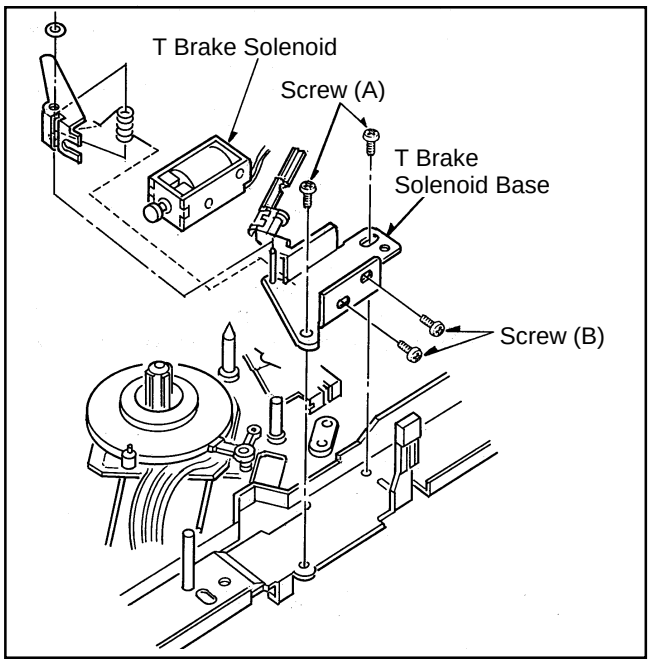


Fig.2-22-1

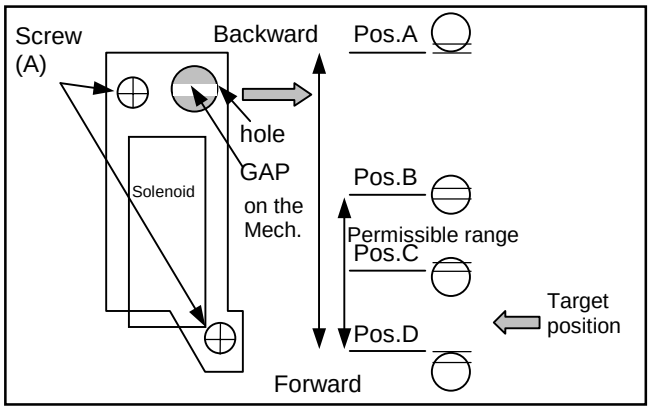


Fig.2-22-2

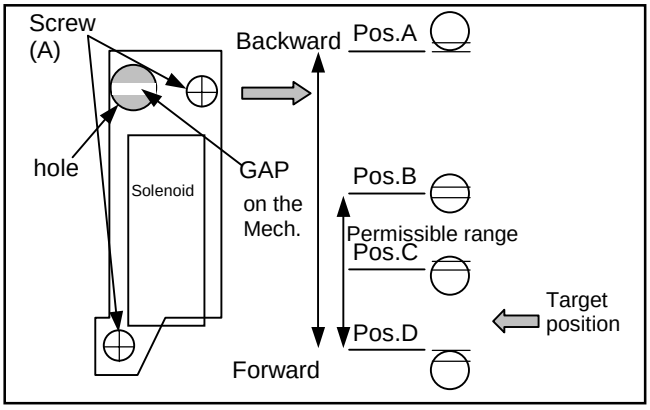


Fig.2-22-3

2-23. Reel Motor Unit Replacement

(Remove)

1. Remove the connector P16 on the backside of the Mech.
2. Unscrew the 2 screws A, and the reel drive sensor board. (Fig.2-23)
3. Unscrew the 2 screws B, and the reel motor unit. (Fig.2-23)

(Install)

1. Install a new Reel Motor Unit following the opposite way to the removal.

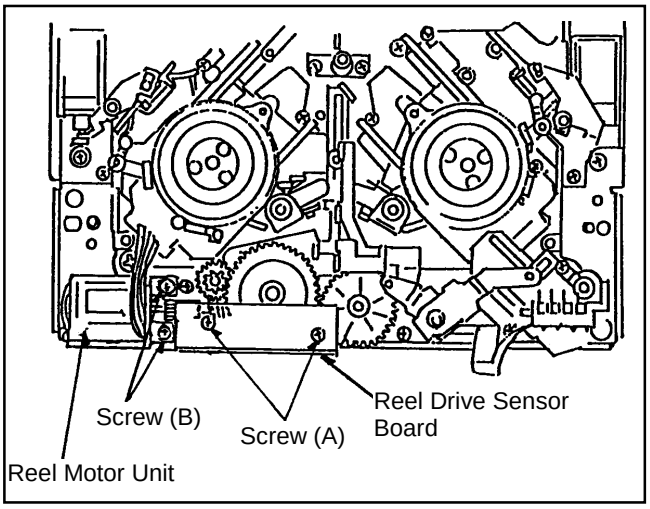


Fig.2-23

2-24. Distinction SW Unit Replacement

(Remove)

1. Remove the connector P17 on the backside of the Mech. I/F board.
2. Remove the spring on the Distinction SW Unit.
3. Remove the 3 screws A and the Distinction SW Unit. (Fig. 2-24)

(Install)

1. Install a new Distinction SW Unit and the spring following the opposite way to the removal.
2. Confirm that both M and L size cassette touch the Distinction SW Unit.

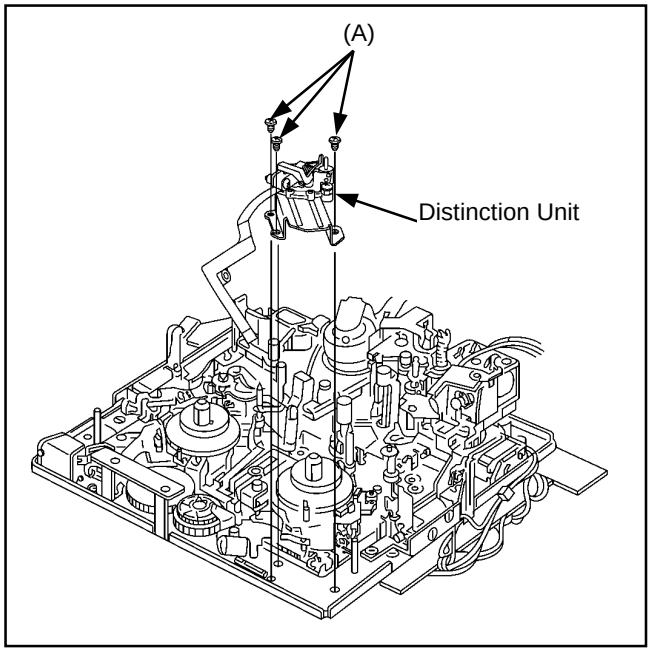


Fig.2-24

2-25. M Stopper Solenoid Unit Replace & Adjustment

(Remove)

1. Remove the connector P24 on the backside of the Mech. I/F board.
2. Remove the Pinch Solenoid Unit. (Refer to the Pinch Solenoid Replacement procedure.)
3. Remove the T Tension Base Unit. (Refer to the T5 Arm Unit Replacement Procedure.)
4. Remove the 4 screws A and B, and then the solenoid. (Fig. 2-25-1)

(Install)

1. Install a new solenoid following the opposite way to the removal.
2. The following position adjustment is required.

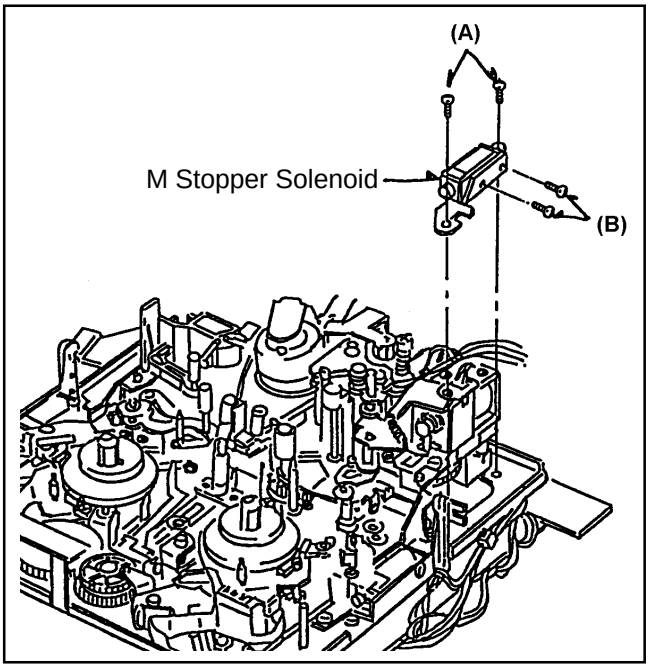


Fig.2-25-1

(Adjustment)

1. Place the reel in the L cassette position.
2. Press the core of the solenoid to release the M stopper.
3. Loosen the screw A and adjust the solenoid position so that the gap between the Mech. Chassis and the M stopper is 1.1 to 1.3mm. (Fig. 2-25-2)
4. Tighten the screw A after the adjustment

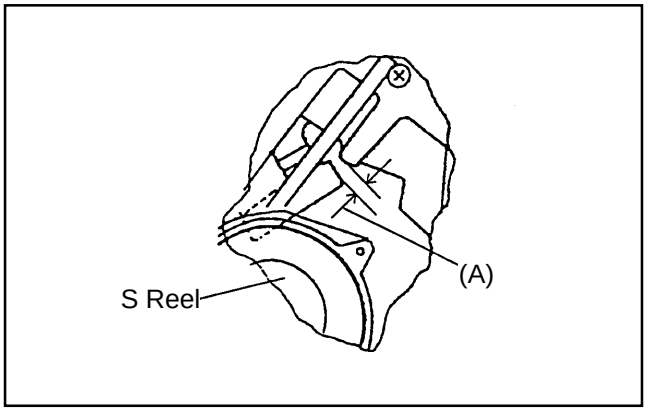


Fig.2-25-2

SECTION 4

ELECTRICAL ADJUSTMENT

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1. POWER SUPPLY UNIT

1-1. Power Supply Voltage Adjustment

BOARD	POWER 2
TP	TP10, TP35 (on the extension board)
ADJ.	VR1 (1kΩ), VR2 (500Ω)
TAPE	-----
INPUT	-----
MODE	EJECT
M. EQ	Digital Volt Meter
SPEC.	TP10 : +3.35V ± 0.03V TP35 : +5.00V ± 0.05V

1. Install the extension board between the MOTHER Board and the A ADDA (F1) Board.
2. Turn ON the VTR.
3. After the initialization (about 10 seconds later), adjust the VR1 on the top of the Power Supply Unit so that the voltage at TP10 is within specification.
4. Adjust the VR2 on the top of the Power Supply Unit so that the voltage at TP35 is within specification.

2. SERVO (F7)

2-1. Motor Torque Offset Adjustment

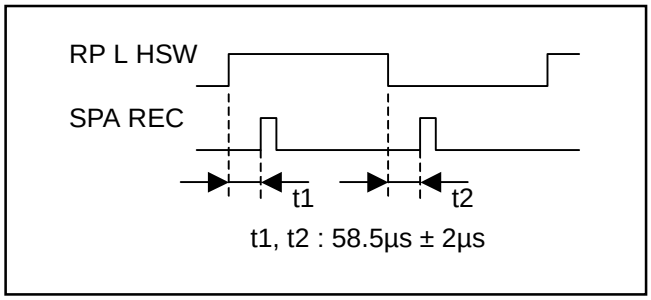
BOARD	SERVO (F7)
TP	Reel Motor
ADJ.	JOG DIAL
TAPE	-----
INPUT	-----
MODE	TEST
M. EQ	Torque dial
SPEC.	0.16 cN･m ± 0.01 cN･m (16 gf･cm ± 0.1 gf･cm) Average of measurement for five times

1. Remove the cassette compartment while the cables are connected.
2. Set the pin-1 of the DIP SW on the back of the front panel and the MENU SW under the front panel to ON. (Service menu)
3. Adjust the marker to the "SERVO" position with the JOG DIAL, and press the SET sw.
4. Adjust the marker to the "T_TORQUE" position with the JOG DIAL.
5. Put the torque dial on the T reel motor, and press and hold the JOG/SHTL key.
5. While the loading is completed, measure the torque of the motor five times by swinging the torque dial. Then, turn the JOG dial to change the torque offset value so that the average of measured values is within the specification.
6. For the “S_TORQUE”, perform the steps 4 through 6 while putting the Torque dial on the S reel.

2-2. PG Shifter Adjustment

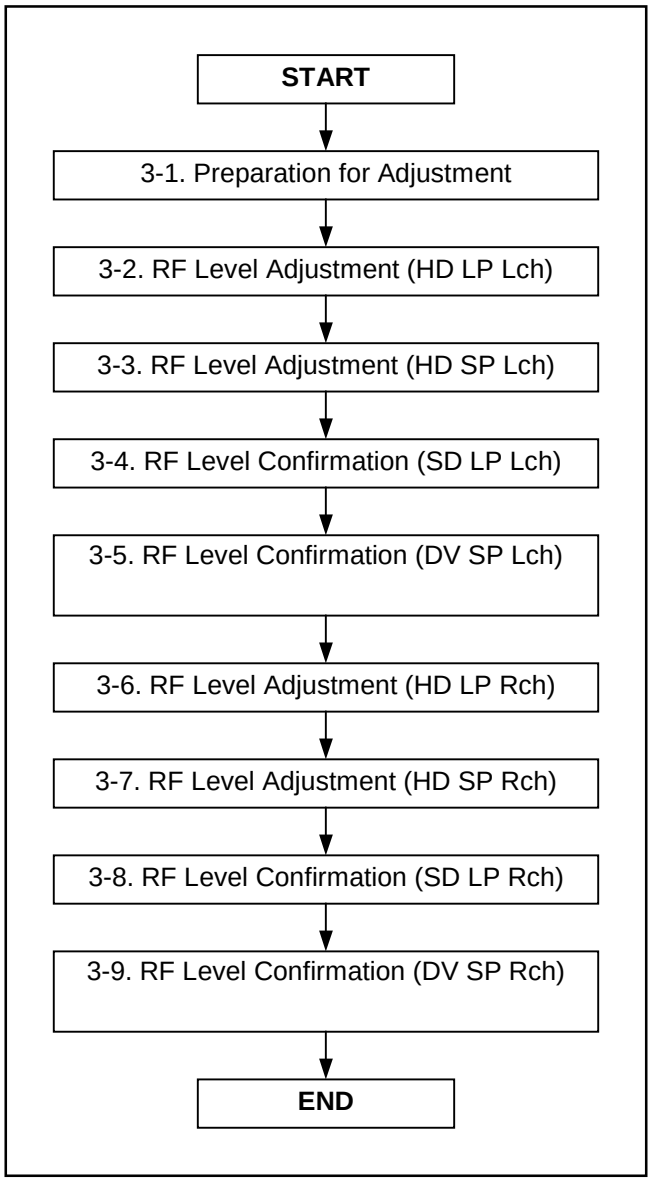
BOARD	SERVO (F7)
TP	TP722 (RP L HSW), TP729 (SPA REC)
ADJ.	-----
TAPE	VFM3780KM
INPUT	-----
MODE	PLAY
M. EQ	Monitor TV, Oscilloscope
SPEC.	TP729 (SPA REC) Rising : 58.5µs ± 2µs

1. Open the service menu and then the Servo Adjust menu.
2. Select the "PG SHIFT HDL".
3. Play back the alignment tape.
4. Press and hold the search button until the value on the right side of the "PG SHIFT HDL" disappears and changes to an updated value. Confirm that the timing between "RP L HSW" and "SPA REC" is within specification.
5. Close the adjustment menu.



3. RFEQ (1) (H4/H5)

RFEQ (1) Adjustment. Flow Chart



3-1. Preparation for Adjustment

1. Set the pin-1 of the DIP SW on the back of the Front Panel to ON, and set the MODE SW on the Front Panel to TAPE side, then displayed Service Menu.
2. The adjustment and setting of “B00 : RF ADJUST” must be done with a tape inserted.
3. Prepare the equipment below.
   Oscilloscope
   Monitor TV
   DVCPRO Alignment Tape
   (VFM3780KM/, VFM3580KM/KL)
   DV Alignment Tape (VFM3010EDS)

[How to save the data]
1. Select “B34:DEFAULT”, and press the SET key.
2. Select “SAVE” and press the SET key.

3-2. RF Level Adjustment (HD LP Lch)

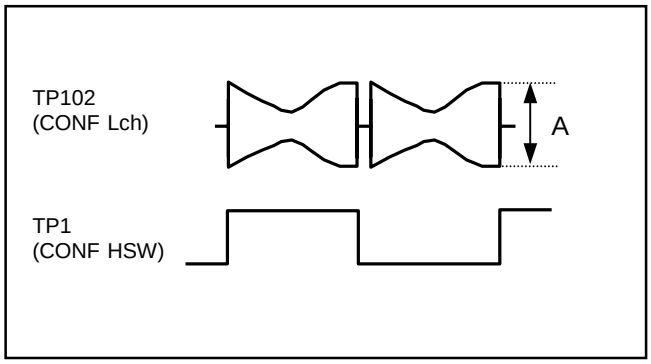
BOARD	RFEQ (H4)
TP	TP102, TP152, TP202, TP302, TP352
ADJ.	Service Menu
TAPE	**VFM3780KM**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	Amax = 500 mVp-p ± 50 mV

< Menu setting >

B00 : RF ADJUST ⇒ B-1 : HDLP PB ADJUST

1. Insert the **HDLP** alignment tape and place the unit in STILL mode.
2. Adjust each item so that the maximum level of envelope is within specification.
3. After all adjustments, save the data.

Test Point	MENU	Trigger
TP102 (CONF Lch)	B01: CNF MAG L1 B02: CNF MAG L2	TP1 (CONF HSW)
TP152 (S CONF Lch)	B05: S_CNF MAG L1 B06: S_CNF MAG L2	TP2 (S CONF HSW)
TP202 (RP Lch)	B09 : RP MAG L1 B10 : RP MAG L2	TP3 (RP HSW)
TP302 (SL L13ch)	B13 : SL MAG L1 B14 : SL MAG L3	TP4 (SL13 HSW)
TP352 (SL L24ch)	B15 : SL MAG L2 B16 : SL MAG L4	TP5 (SL24 HSW)



3-3. RF Level Adjustment (HD SP Lch)

BOARD	RFEQ (H4)
TP	TP102, TP152, TP302, TP352
ADJ.	-----
TAPE	**VFM3580KM or KL**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	A = 500 mVp-p ± 50 mV

< Menu setting >

B00 : RF ADJUST ⇒ B-2 : HDSP ADJUST

1. Insert the **DVCPRO** alignment tape and place the unit in STILL mode.
2. Adjust each item so that the maximum level of envelope is within specification.
3. After all adjustments, save the data.

Test Point	MENU	Trigger
TP102 (CONF Lch)	B01: CNF MAG L1 B02: CNF MAG L2	TP1 (CONF HSW)
TP152 (S CONF Lch)	B05: S_CNF MAG L1 B06: S_CNF MAG L2	TP2 (S CONF HSW)
TP302 (SL L13ch)	B09 : SL MAG L1 B10 : SL MAG L3	TP4 (SL13 HSW)
TP352 (SL L24ch)	B11 : SL MAG L2 B12 : SL MAG L4	TP5 (SL24 HSW)

3-4. RF Level Confirmation (SD SP Lch)

BOARD	RFEQ (H4)
TP	TP102, TP152, TP302, TP352
ADJ.	-----
TAPE	**VFM3580KM or KL**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	ENV MAX Value : 500 mVp-p ± 100 mV

< Menu setting >

B00 : RF ADJUST ⇒ B-3 : SDSP ADJUST

Test Point	Trigger
TP102 (CONF Lch)	TP1 (CONF HSW)
TP152 (S CONF Lch)	TP2 (S CONF HSW)
TP302 (SL L13ch)	TP4 (SL 13 HSW)
TP352 (SL L24ch)	TP5 (SL 24 HSW)

1. Insert the **DVCPRO** alignment tape and place the unit in STILL mode. Confirm that the maximum level of envelope is within specification.

3-5. RF Level Confirmation (DV SP Lch)

BOARD	RFEQ (H4)
TP	TP102, TP152, TP202, TP302, TP352
ADJ.	-----
TAPE	**VFM3010EDS (DV Alignment Tape)**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	Amax : 500 mVp-p ± 100 mV (ENV MAX)

< Menu setting >

B00 : RF ADJUST ⇒ B-4 : DVSP ADJUST

1. Insert the **DV** alignment tape and place the unit in STILL mode. Confirm that the maximum level of envelope is within specification.

Test Point	Trigger
TP102 (CONF Lch)	TP1 (CONF HSW)
TP152 (S CONF L ch)	TP2 (S CONF HSW)
TP202 (RP Lch)	TP3 (RP HSW)
TP302 (SL L13ch)	TP4 (SL 13 HSW)
TP352 (SL L24ch)	TP5 (SL 24 HSW)

3-6. RF Level Adjustment (HD LP Rch)

BOARD	RFEQ (H5)
TP	TP102, TP152, TP202, TP302, TP352
ADJ.	Service Menu
TAPE	**VFM3780KM**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	Amax = 500 mVp-p ± 50 mV

< Menu setting >

B00 : RF ADJUST ⇒ B-1 : HDLP PB ADJUST

1. Insert the **HDLP** alignment tape and place the unit in STILL mode.
2. Adjust each item so that the maximum level of envelope is within specification.
3. After all adjustments, save the data.

Test Point	MENU	Trigger
TP102 (CONF Rch)	B03: CNF MAG R1 B04: CNF MAG R2	TP1 (CONF HSW)
TP152 (S CONF Rch)	B07: S_CNF MAG R1 B08: S_CNF MAG R2	TP2 (S CONF HSW)
TP202 (RP Rch)	B11 : RP MAG R1 B12 : RP MAG R2	TP3 (RP HSW)
TP302 (SL R13ch)	B17 : SL MAG R1 B18 : SL MAG R3	TP4 (SL13 HSW)
TP352 (SL R24ch)	B19 : SL MAG R2 B20 : SL MAG R4	TP5 (SL24 HSW)

3-7. RF Level Adjustment (HD SP Rch)

BOARD	RFEQ (H5)
TP	TP102, TP152, TP302, TP352
ADJ.	-----
TAPE	**VFM3580KM or KL**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	A = 500 mVp-p ± 50 mV

< Menu setting >

B00 : RF ADJUST ⇒ B-2 : HDSP ADJUST

1. Insert the **DVCPRO** alignment tape and place the unit in STILL mode.
2. Adjust each item so that the maximum level of envelope is within specification.
3. After all adjustments, save the data.

Test Point	MENU	Trigger
TP102 (CONF Rch)	B03: CNF MAG R1 B04: CNF MAG R2	TP1 (CONF HSW)
TP152 (S CONF Rch)	B07: S_CNF MAG R1 B08: S_CNF MAG R2	TP2 (S CONF HSW)
TP302 (SL R13ch)	B17 : SL MAG R1 B18 : SL MAG R3	TP4 (SL13 HSW)
TP352 (SL R24ch)	B19 : SL MAG R2 B20 : SL MAG R4	TP5 (SL24 HSW)

3-8. RF Level Confirmation (SD SP Rch)

BOARD	RFEQ (H5)
TP	TP102, TP152, TP302, TP352
ADJ.	-----
TAPE	**VFM3580KM or KL**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	ENV MAX Value : 500 mVp-p ± 100 mV

< Menu setting >

B00 : RF ADJUST ⇒ B-3 : SDSP ADJUST

Test Point	Trigger
TP102 (CONF Rch)	TP1 (CONF HSW)
TP152 (S CONF Rch)	TP2 (S CONF HSW)
TP302 (SL R13ch)	TP4 (SL 13 HSW)
TP352 (SL R24ch)	TP5 (SL 24 HSW)

1. Insert the **DVCPRO** alignment tape and place the unit in STILL mode. Confirm that the maximum level of envelope is within specification.

3-9. RF Level Confirmation (DV SP Rch)

BOARD	RFEQ (H5)
TP	TP102, TP152, TP202, TP302, TP352
ADJ.	-----
TAPE	**VFM3010EDS (DV Alignment Tape)**
INPUT	-----
MODE	STILL
M. EQ	Oscilloscope, Monitor TV
SPEC.	Amax : 500 mVp-p ± 100 mV (ENV MAX)

< Menu setting >

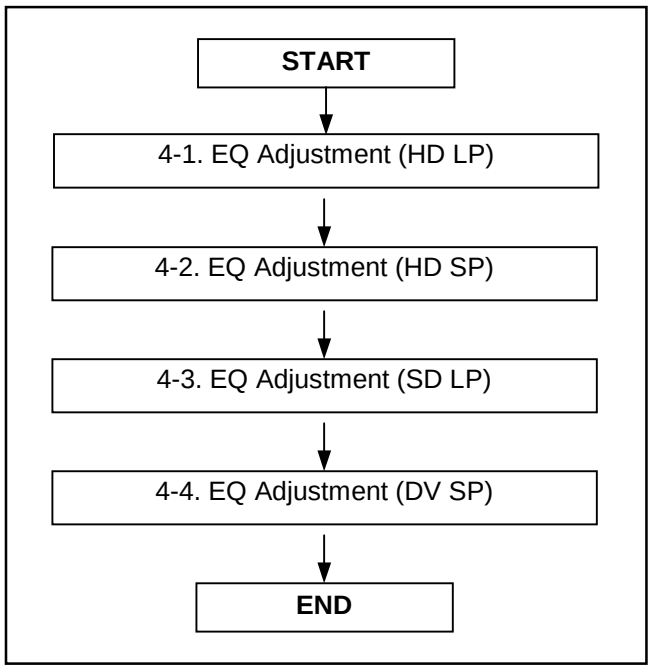
B00 : RF ADJUST ⇒ B-4 : DVSP ADJUST

Test Point	Trigger
TP102 (CONF Rch)	TP1 (CONF HSW)
TP152 (S CONF R ch)	TP2 (S CONF HSW)
TP202 (RP Rch)	TP3 (RP HSW)
TP302 (SL R13ch)	TP4 (SL 13 HSW)
TP352 (SL R24ch)	TP5 (SL 24 HSW)

1. Insert the **DV** alignment tape and place the unit in STILL mode. Confirm that the maximum level of envelope is within specification.

4. RFEQ (2) (H4/H5)

RFEQ (2) Adjustment Flow Chart



< Preparation >

1. Setting the **mode SW** on the Front Panel to **"TAPE"** side changes "Audio Meter Display" to "Error Rate Display".

< EQ Adjustment >

1. PLL is automatically adjusted while a tape is on stand-by off mode. (about 1 second)
2. EQ is automatically adjusted while a tape is in the VTR. (about 1 second)
3. Executing "LSI to SYS" stores the alignment data into the current memory area.
4. Executing "SAVE" stores the current memory data into the back-up memory area.

4-1. EQ Adjustment (HD LP)

BOARD	RFEQ (H4, H5)
TP	-----
ADJ.	-----
TAPE	**VFM3780KM**
INPUT	-----
MODE	STANDBY OFF, STILL, PLAY
M. EQ	Monitor TV
SPEC.	See the figure below

< Adjustment >

1. Select the C00 : EQ ADJUST in the service menu and press the SET key.
2. Select the C-5 : HDLP< ALL> ADJUST, and press the SET key.
3. Insert the **HDLP** alignment tape, and place and keep the unit in the STANDBY OFF mode for a second.
4. Move the cursor to the C13 : DEFAULT, and press the SET button.
5. Move the cursor to the LSI to SYS, and press the SET button.
6. Change the VTR mode to the STAND-BY ON (STILL), and wait for a second.
7. Move the cursor to the LSI to SYS, and press the SET button.
8. Move the cursor to the DEFAULT, and press the SET button. Select "SAVE" and press the SET button

< Error Rate Confirmation >

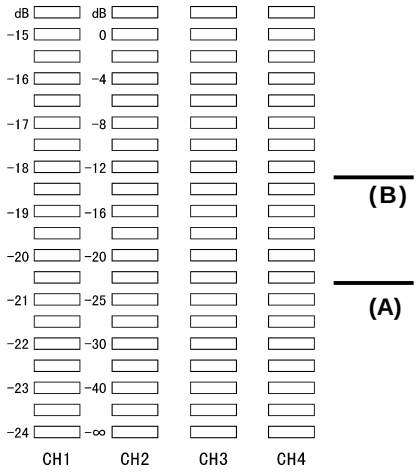
[Service Menu setting]
C00: EQ ADJUST
C-5: HDLP< ALL> ADJUST
C05: ERROR MODE :SLOW
C06: ECC DISPLAY :HEAD

TC SW
INT(Video Error Rate) / EXT(Audio Error Rate)

1. Playback the **HDLP** alignment tape.
2. Confirm the Audio and Video error rate on each mode changing the C04:PB MODE.

VTR Mode	C50: PB MODE
HD LP CONF	CNF
HD LP S CONF	S CNF
HD LP RP	RP
HD LP SL L13,R24	L13,R24
HD LP SL L24,R13	L24,R13

Audio level meter



MODE	CH	CH	CH	CH	SPEC.
CNF	L1	L2	R2	R1	(A)
S CNF	L1	L2	R2	R1	(A)
RP	L1	L2	R1	R2	(B)
L13R24	L1	L3	R2	R4	(A)
L24R13	L2	L4	R1	R3	(A)

4-2. EQ Adjustment (HD SP)

BOARD	RFEQ (H4, H5)
TP	-----
ADJ.	-----
TAPE	**VFM3580KM or KL, HD SP Recorded Tape**
INPUT	-----
MODE	STANDBY OFF, STILL, PLAY
M. EQ	Monitor TV
SPEC.	Error Rate : less than 7 scales

< Adjustment >

1. Select the C00 : EQ ADJUST in the service menu and press the SET key.
2. Select the C-10 : HDSP< ALL> ADJUST, and press the SET key.
3. Insert the **DVCPRO** alignment tape, and place and keep the unit in the STANDBY OFF mode for a second.
4. Move the cursor to the C13 : DEFAULT, and press the SET button.
5. Move the cursor to the LSI to SYS, and press the SET button.
6. Change the VTR mode to the STAND-BY ON (STILL), and wait for a second.
7. Move the cursor to the LSI to SYS, and press the SET button.
8. Move the cursor to the DEFAULT, and press the SET button. Select "SAVE" and press the SET button

< Error Rate Confirmation >

[Service Menu setting]

C00: EQ ADJUST

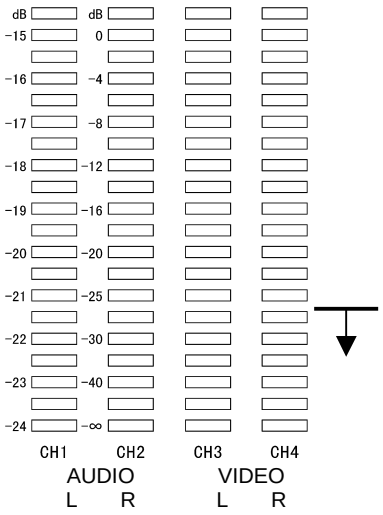
C-10: HDSP< ALL> ADJUST

C05: ERROR MODE :SLOW

C06: ECC DISPLAY :NORMAL

TC SW : INT

1. Playback **a HD SP recorded tape**.
2. Confirm the Audio and Video error rate.



Error rate may jump almost every 5 samples due to the non-track play back. These jumps can be ignored upon measurement.

4-3. EQ Adjustment (SD SP)

BOARD	RFEQ (H4, H5)
TP	-----
ADJ.	-----
TAPE	**VFM3580KM or KL, VFM3380KM**
INPUT	-----
MODE	STANDBY OFF, STILL, PLAY
M. EQ	Monitor TV
SPEC.	Error Rate : less than 7 scales

< Adjustment>

1. Follow the procedure in < 4-2. EQ Adjustment (HD SP)> with the **C-15: SDSP<ALL> ADJUST** menu instead of C-10: HDSP< ALL> ADJUST.
2. Use the **VFM3580KM** for the adjustment

< Error Rate Confirmation>

1. Follow the procedure in < 4-2. EQ Adjustment (HD SP)> with the **C-15: SDSP<ALL> ADJUST** menu instead of C-10: HDSP< ALL> ADJUST.
2. Use the **VFM3380KM** for the adjustment

4-4. EQ Adjustment (DV SP)

BOARD	RFEQ (H4, H5)
TP	-----
ADJ.	-----
TAPE	**VFM3010EDS**
INPUT	-----
MODE	STANDBY OFF, STIL, PLAY
M. EQ	Monitor TV
SPEC.	Error Rate : less than 7 scales

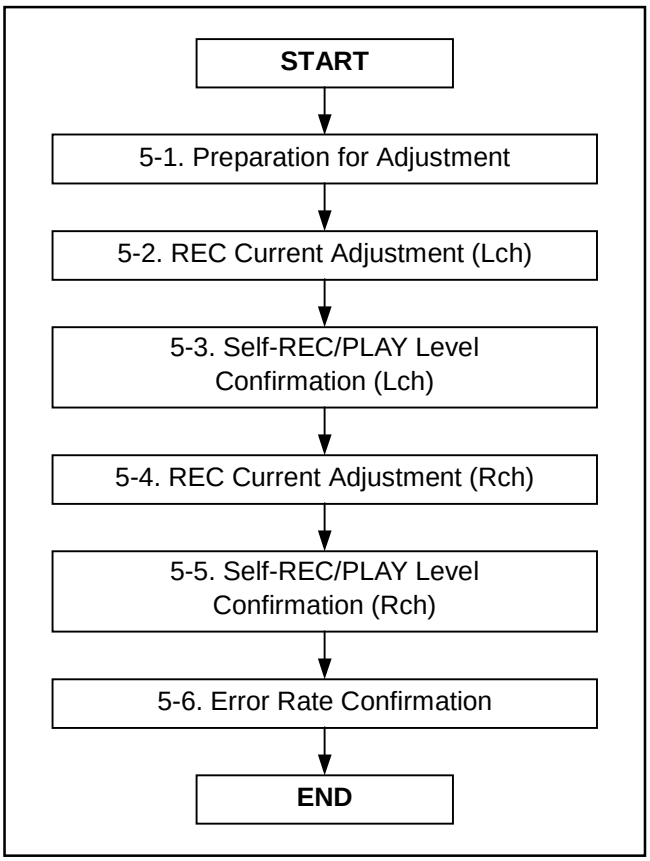
< Adjustment & Error Rate Confirmation>

1. Follow the procedure in < 4-2. EQ Adjustment (HD SP)> with the **C-21: DVSP<ALL> ADJUST** menu instead of C-10: HDSP< ALL> ADJUST.

Note: The **DV Alignment tape** is required.

5. RFEQ (3) (H4/H5)

RFEQ (3) Adjustment Flow Chart



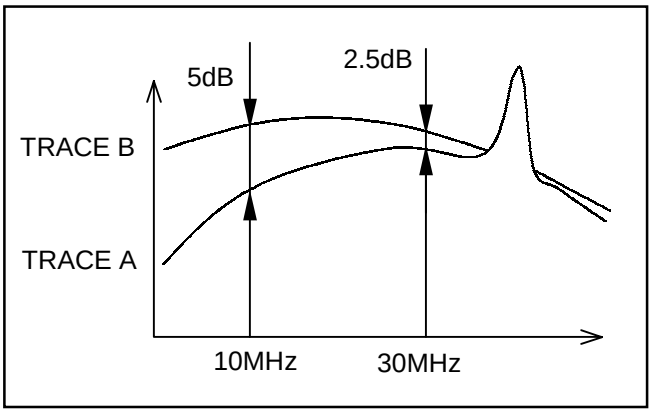
5-1. Preparation for Adjustment

1. Set the input signal to Internal Color Bar.
   < INT. SG. Setting >
   1. Open the Set-up Menu and select “600 : VIDEO IN SEL”, and set to “INT. SG”.
   2. Set to “CB” in the “601 : VIDEO INT. SG”.
2. Set the Spectrum Analyzer as shown below.
   REF LEVEL : -15dBm
   ATTEN : 10dB
   dB/DIV : 5dB
   START : 0MHz
   STOP : 50MHz
   RES BW : 1MHz
   VBW: 3kHz
   SWP: 75ms
   TRIG : EXT
3. Set the pin-1 of the DIP SW on the back of the Front Panel to ON.
4. Set as follows in the Service Menu.
   B00: RF ADJUST
   B-0: HDLP REC ADJUST
5. Set the MODE SW on the Front Panel to TAPE side to see the error rate display.

5-2. REC Current Adjustment (Lch)

BOARD	RFEQ (H4), H BUFF
TP	TP301 (H BUFF), TP1 (RFEQ)
ADJ.	Service Menu
TAPE	Recording Tape
INPUT	Internal Color Bar
MODE	REC
M.EQ	Spectrum Analyzer, Monitor TV
SPEC.	See below.

1. Turn the VTR on.
2. Connection:
   RF :TP301 (CONF Lch)
   Trigger :TP1 (CONF L HSW)
3. Set the service menu as shown below.
   B00: RF ADJUST ⇒ B-0: HDLP REC ADJUST
   B01: REC CURR L1 ⇒ 50
   B02: REC FREQ L1 ⇒ -50
   B03: REC CURR L2 ⇒ 50
   B04: REC FREQ L2 ⇒ -50
4. Load a recording tape, and perform normal recording.
5. Store the spectrum to the TRACE B, and change to the TRACE A.
6. Decrease the REC CURR L1 and REC CURR L2 values so that the difference between the TRACE A and B at 10 MHz is within 5dB ± 0.5 dB.
7. Increase the REC FREQ L1 and REC FREQ L2 values so that the difference between the TRACE A and B at 30 MHz is within 2.5dB ± 0.5 dB. Refer to the graph shown below.



8. Increase the **REC CURR L1** and **REC CURR L2** by 90 from the current values.
   (Ex : In case the value is -38, 52 is the value to set)
9. Move the cursor to the DEFAULT in the adjustment menu, and press the SET button. Move the cursor to the "SAVE", and then press the SET button for saving data.

5-3. Self-REC/PLAY Level Confirmation (Lch)

BOARD	RFEQ (H4), H BUFF
TP	TP301 (H BUFF), TP1 (RFEQ)
ADJ.	Service Menu
TAPE	Recording Tape, **VFM3780KM**
INPUT	Internal Color Bar
MODE	REC, PLAY
M. EQ	Spectrum Analyzer, Monitor TV
SPEC.	TRACE B – TRACE A = ± 2dB

1. Perform normal recording, and playback just recorded part.
2. Store the spectrum to the TRACE B, and change to the TRACE A.
3. Playback the **HDLP** alignment tape.
4. Confirm that the difference between the TRACE A and B at 10 MHz is ± 2dB or less.

5-4. REC Current Adjustment (Rch)

BOARD	RFEQ (H5), H BUFF
TP	TP401 (H BUFF), TP1 (RFEQ)
ADJ.	Service Menu
TAPE	Recording Tape
INPUT	Internal Color Bar
MODE	REC
M. EQ	Spectrum Analyzer, Monitor TV
SPEC.	See below.

1. Turn the VTR on.
2. Connection:
   RF :TP401 (CONF Rch)
   Trigger :TP1 (CONF R HSW)
3. Set the service menu as shown below.
   B00: RF ADJUST ⇒ B-0: HDLP REC ADJUST
   B05: REC CURR R1 ⇒ 50
   B06: REC FREQ R1 ⇒ -50
   B07: REC CURR R2 ⇒ 50
   B08: REC FREQ R2 ⇒ -50
4. Load a recording tape, and perform normal recording.
5. Store the spectrum to the TRACE B, and change to the TRACE A.
6. Decrease the REC CURR R1 and REC CURR R2 values so that the difference between the TRACE A and B at 10 MHz is within 5dB ± 0.5 dB.
7. Increase the REC FREQ R1 and REC FREQ R2 values so that the difference between the TRACE A and B at 30 MHz is within 2.5dB ± 0.5 dB. Refer to the graph shown below.
8. Increase the **REC CURR R1** and **REC CURR R2** by 90 from the current values.
   (Ex : In case the value is -38, 52 is the value to set)
9. Move the cursor to the DEFAULT in the adjustment menu, and press the SET button. Move the cursor to the "SAVE", and then press the SET button for saving data.

5-5. Self-REC/PLAY Level Confirmation (Rch)

BOARD	RFEQ (H5), H BUFF
TP	TP401 (H BUFF), TP1 (RFEQ)
ADJ.	Service Menu
TAPE	Recording Tape, VFM3780KM
INPUT	Internal Color Bar
MODE	REC, PLAY
M. EQ	Spectrum Analyzer, Monitor TV
SPEC.	TRACE B – TRACE A = ± 2dB

1. Perform normal recording, and playback just recorded part.
2. Store the spectrum to the TRACE B, and change to the TRACE A.
3. Playback the **HDLP** alignment tape.
4. Confirm that the difference between the TRACE A and B at 10 MHz is ± 2dB or less.

5-6. Error Rate Confirmation

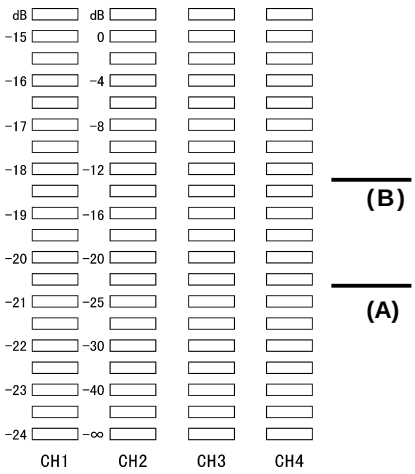
BOARD	RFEQ, H BUFF
TP	Audio Level Meter
ADJ.	Service Menu
TAPE	Recording Tape
INPUT	-----
MODE	PLAY
M. EQ	-----
SPEC.	-----

[Service Menu setting]
B00: RF ADJUST
B-0: HDLP REC ADJUST
B14: PB MODE :CNF
B15: ERROR MODE :SLOW
B16: ECC DISPLAY :HEAD

TC SW
INT(Video Error Rate) / EXT(Audio Error Rate)

1. Set the MODE switch located on the front side to the TAPE side.
2. Perform normal recording.
3. Check the L1, L2, R1, and R2 error rates with the front audio meter, and confirm that the error rates is less than (B).
4. Playback the recorded part, and confirm that the error rate is less than (A) (for both of VIDEO and AUDIO).
5. Return the TC switch to the INT side, and set the No.1 dip switch on the back of the front panel to OFF.
6. Eject the tape, and turn the VTR off.

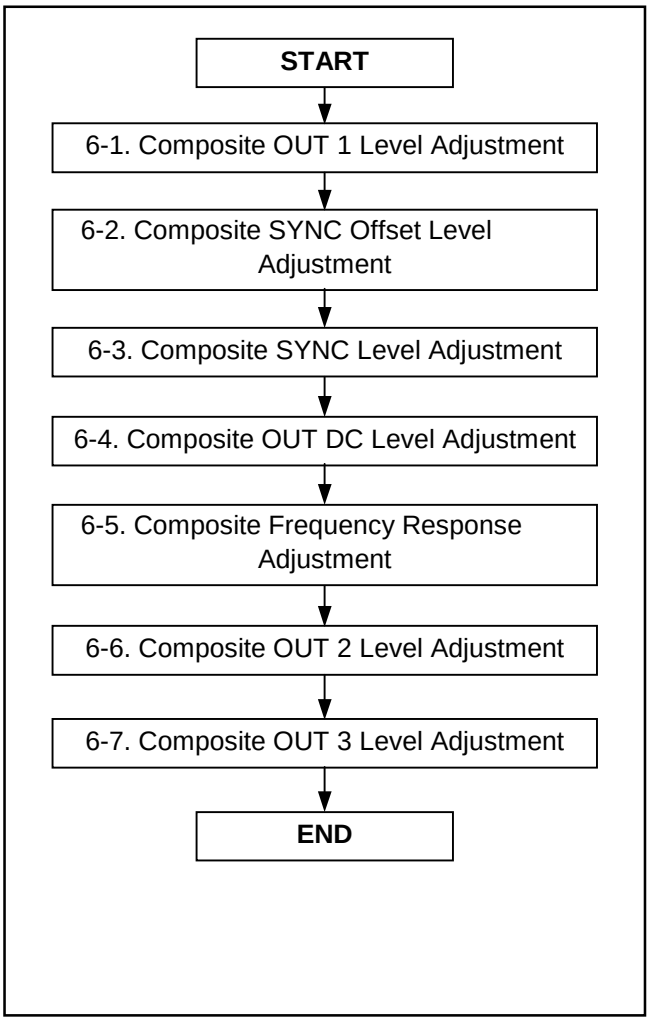
Audio level meter



MODE	CH	CH	CH	CH	SPEC.
CNF	L1	L2	R2	R1	(A)
S CNF	L1	L2	R2	R1	(A)
RP	L1	L2	R1	R2	(B)
L13R24	L1	L3	R2	R4	(A)
L24R13	L2	L4	R1	R3	(A)

6. CMPST OUT (H1)

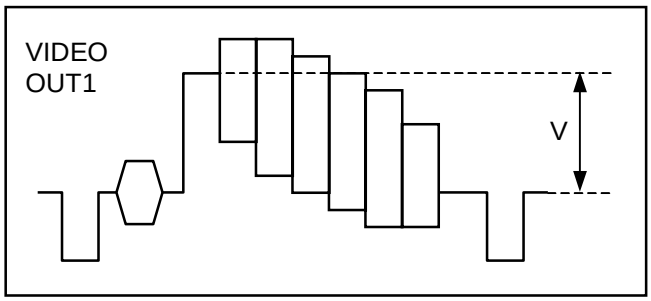
CMPST OUT Adjustment Flow Chart



6-1. Composite OUT 1 Level Adjustment

BOARD	CMPST OUT (H1)
TP	VIDEO OUT 1
ADJ.	VR401 (ENC LEVEL) (C-1)
TAPE	VFM3380KM (100% Color Bar : 0min. to 4min.)
INPUT	SD REF IN = BB
MODE	PLAY
M. EQ	WFM
SPEC.	V = 714mV ± 5mV

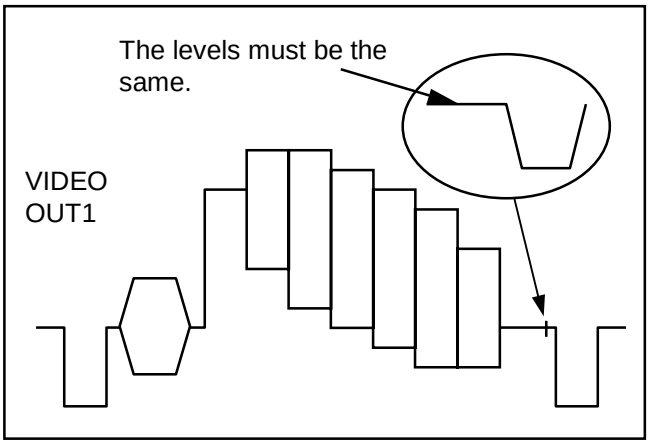
1. Adjust the VR401 so that the Video OUT 1 level (V) is within specification.



6-2. Composite SYNC Offset Level Adjustment

BOARD	CMPST OUT (H1)
TP	VIDEO OUT 1
ADJ.	VR402 (OFST) (C-1)
TAPE	VFM3380KM (100% Color Bar : 0min. to 4min.)
INPUT	SD REF IN = BB
MODE	STOP
M. EQ	WFM
SPEC.	See below.

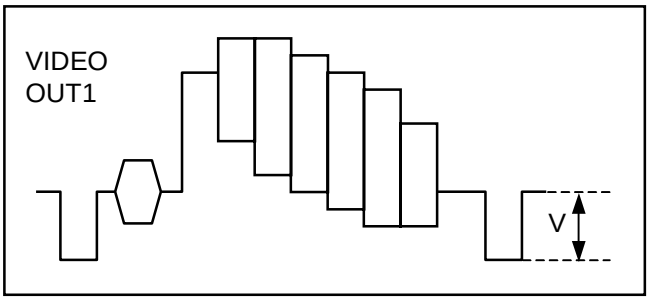
1. Adjust the VR402 to match the reference level of the sync to the pedestal level at VIDEO OUT 1.



6-3. Composite SYNC Level Adjustment

BOARD	CMPST OUT (H1)
TP	VIDEO OUT 1
ADJ.	VR400 (SYNC LVL) (I-3)
TAPE	VFM3380KM (100% Color Bar : 0min. to 4min.)
INPUT	SD REF IN = BB
MODE	STOP
M. EQ	WFM
SPEC.	V = 286mV ± 3mV

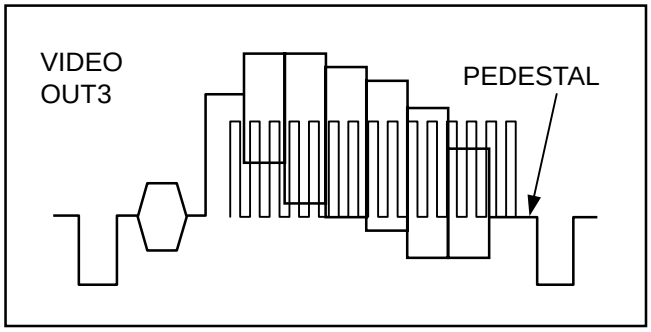
1. Adjust the VR400 so that the SYNC level (V) is 286 mV±3 mV.



6-4. Composite OUT DC Level Adjustment

BOARD	CMPST OUT (H1)
TP	VIDEO OUT 3
ADJ.	VR405 (ENC DC LVL) (D-1)
TAPE	VFM3380KM (100% Color Bar : 0min. to 4min.)
INPUT	SD REF IN = BB)
MODE	STOP
M. EQ	WFM
SPEC.	See below.

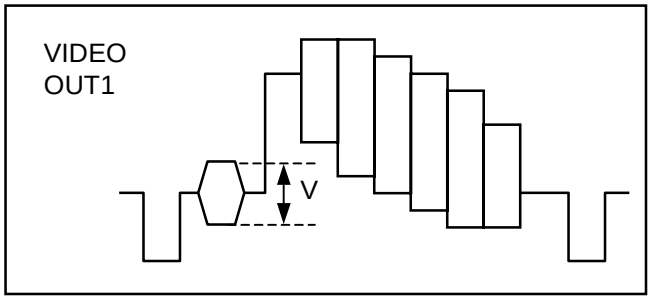
1. Adjust the VR405 to match the black level of character to the pedestal level at VIDEO OUT 3.



6-5. Composite Frequency Response Adjustment

BOARD	CMPST OUT (H1)
TP	VIDEO OUT1
ADJ.	VR404 (ENC FREQ) (D-1)
TAPE	VFM3380KM (100% Color Bar : 0min. to 4min.)
INPUT	SD REF IN = BB
MODE	STOP
M. EQ	WFM
SPEC.	V = 286mV±3mV

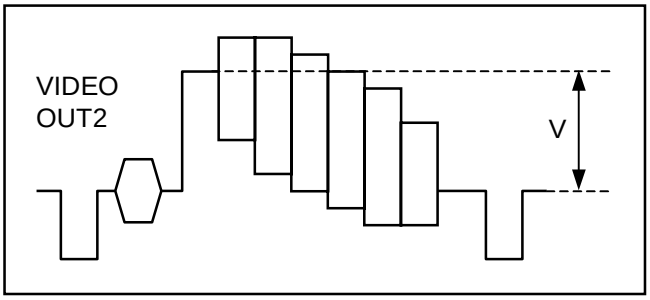
1. Adjust the VR404 so that the burst level at VIDEO OUT 1 is within specification at VIDEO OUT 1.



6-6. Composite OUT 2 Level Adjustment

BOARD	CMPST OUT (H1)
TP	VIDEO OUT 2
ADJ.	VR407 (VIDEO 2 LVL) (E-2)
TAPE	VFM3380KM (100% Color Bar : 0min. to 4min.)
INPUT	SD REF IN = BB
MODE	STOP
M. EQ	WFM
SPEC.	V= 714mV ± 5mV

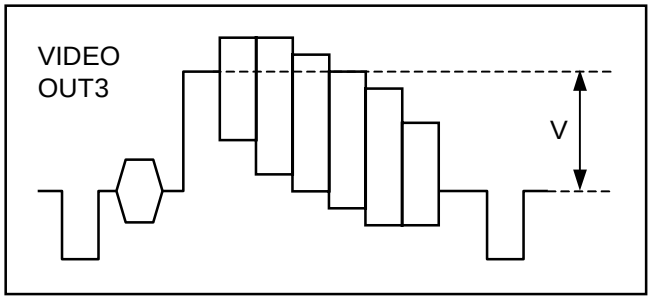
1. Adjust the VR407 so that the ‘ V’ level is 714 mV ± 5 mV at VIDEO OUT 2.



6-7. Composite OUT 3 Level Adjustment

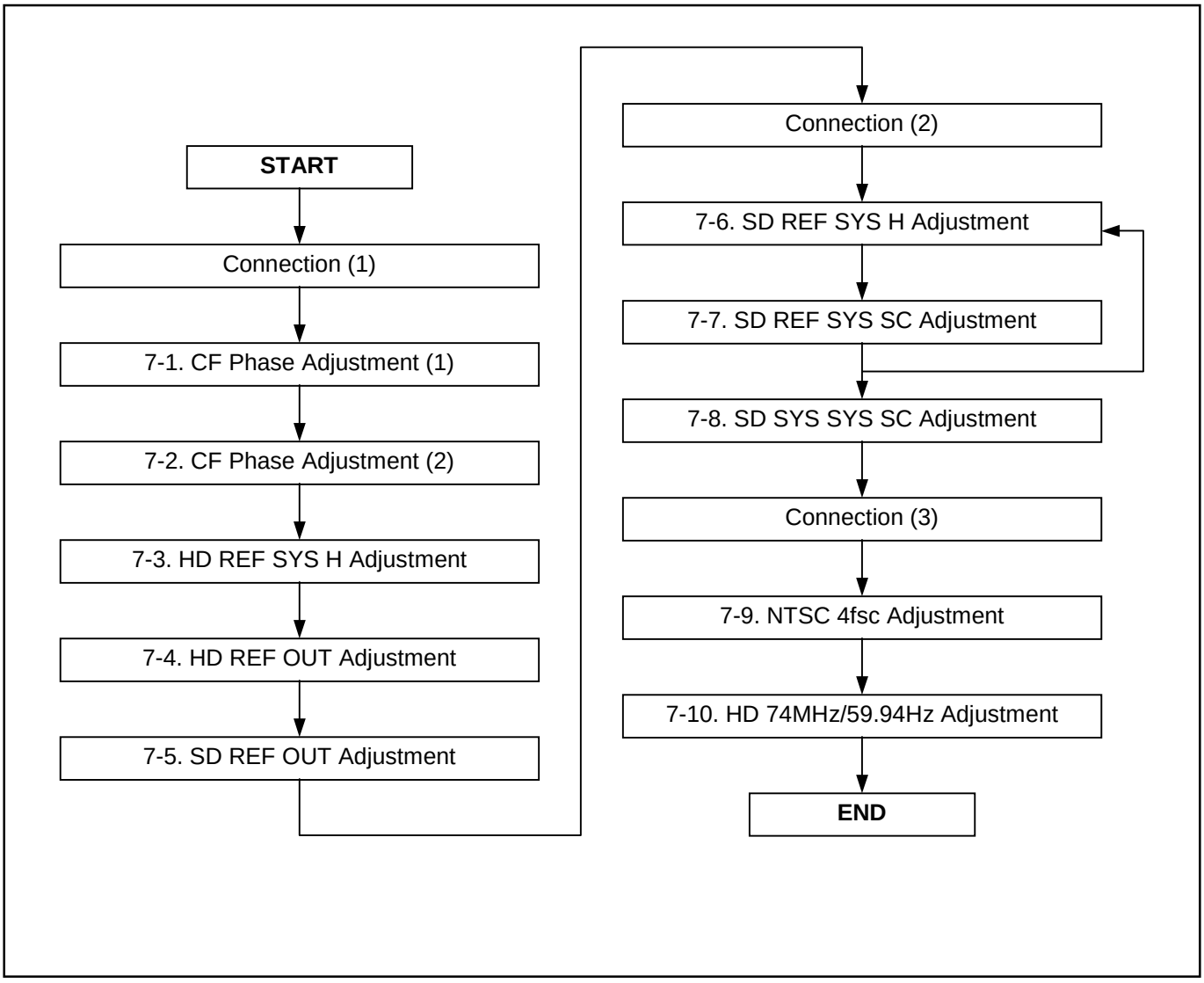
BOARD	CMPST OUT (H1)
TP	VIDEO OUT3
ADJ.	VR406 (VIDEO 3 LVL) (D-2)
TAPE	VFM3380KM (100% Color Bar : 0min. to 4min.)
INPUT	SD REF IN = BB
MODE	STOP
M. EQ	WFM
SPEC.	V = 714mV ± 5mV

1. Adjust the VR406 so that the ‘ V’ level is 714 mV ± 5 mV at VIDEO OUT 3.

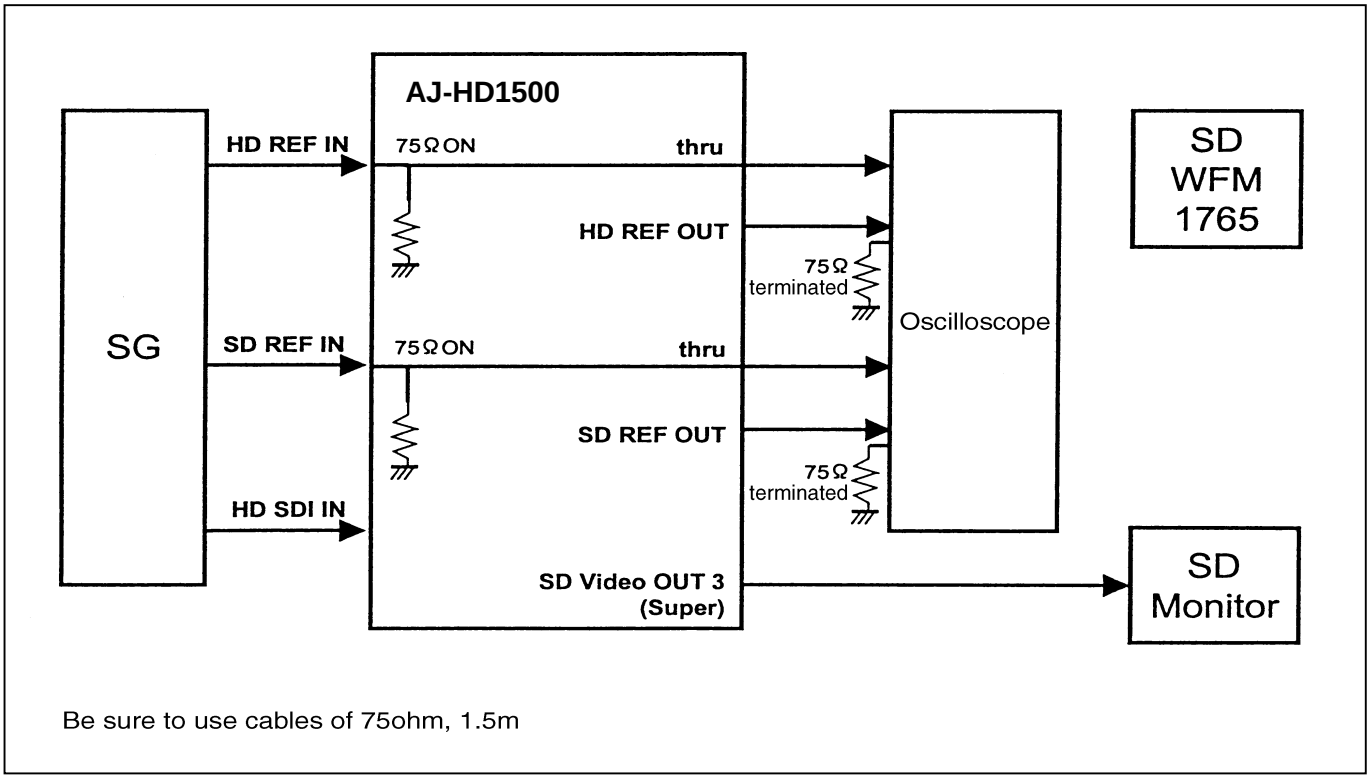


7. V PROC (F4)

V PROC Adjustment Flow Chart



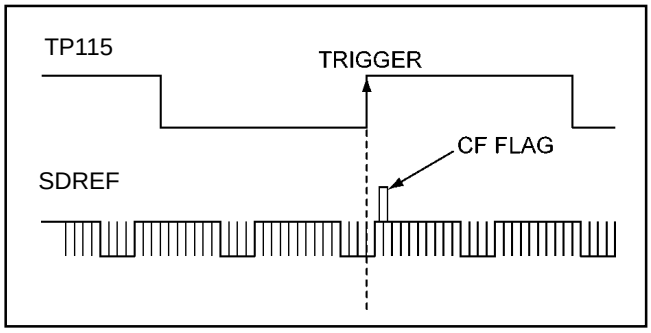
Connection (1)



Prior to adjustments an approx. 15 minutes warm-up is necessary.

7-1. CF Phase Adjustment (1)

BOARD	V PROC (F4)
TP	TP155, SD REF IN Through OUT
ADJ.	VR192 (NTSC CF)
TAPE	-----
INPUT	SD REF IN = 525i/59Hz BB (w/ CF flag)
MODE	EE Setup menu No.031 **OUTREF: SD REF**
M. EQ	Oscilloscope
SPEC.	See the figure



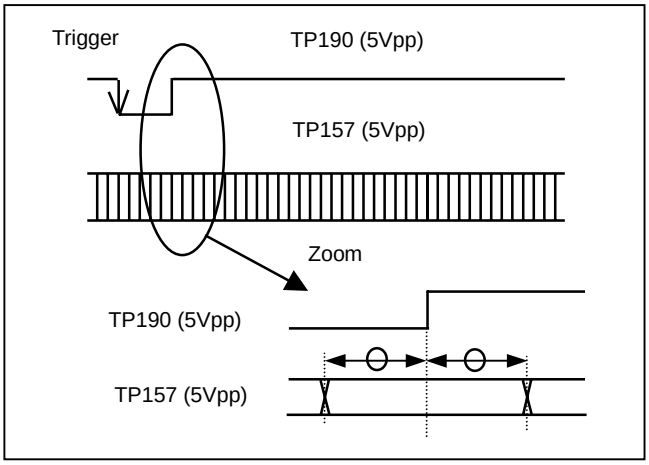
1. Input the active through out of SD REF IN to an oscilloscope.
2. Fully turn the VR192 counterclockwise.
3. Turn the VR192 clockwise to match the rising edge of TP155 to CF flag.

7-2. CF Phase Adjustment (2)

BOARD	V PROC (F4)
TP	TP157, TP190
ADJ.	VR192 (NTSC CF)
TAPE	-----
INPUT	SD REF IN = 525i/59Hz BB (w/ CF flag)
MODE	EE Setup menu No.031 **OUTREF: SD REF**
M. EQ	Oscilloscope
SPEC.	0 ± 5 nsec. from the center

1. Adjust the VR192 so that the rising edge of the TP190 comes to the center of the TP157 signal.
2. Confirm the CF Phase Adjustment (1).

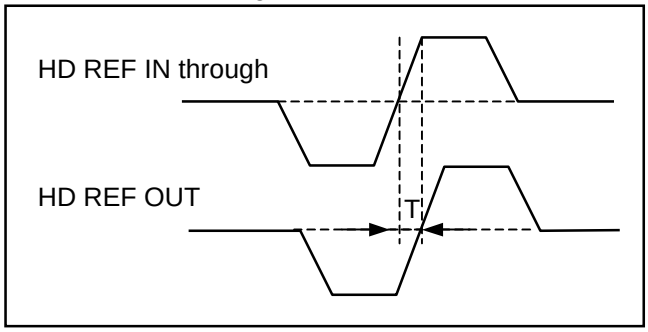
NOTE :
Do not turn the VR192 too much, which may invert the phase adjusted in the CF Phase Adjustment (1). If this is the case, do the CF Phase Adjustment (1) and (2) again.



7-3. HD REF SYS H Adjustment

BOARD	V PROC (F4)
TP	HD REF OUT, HD REF IN through
ADJ.	VR110
TAPE	-----
INPUT	HD REF IN : 1080i 59Hz (TriSync)
MODE	EE Setup menu No.031 **OUTREF: HD REF**
M. EQ	Oscilloscope
SPEC.	T= 0 ± 200 nsec

1. Select the HD REF on the menu “031 : OUTREF”.
2. Adjust the VR110 to match the phase between the HD REF IN through and the HD REF OUT.

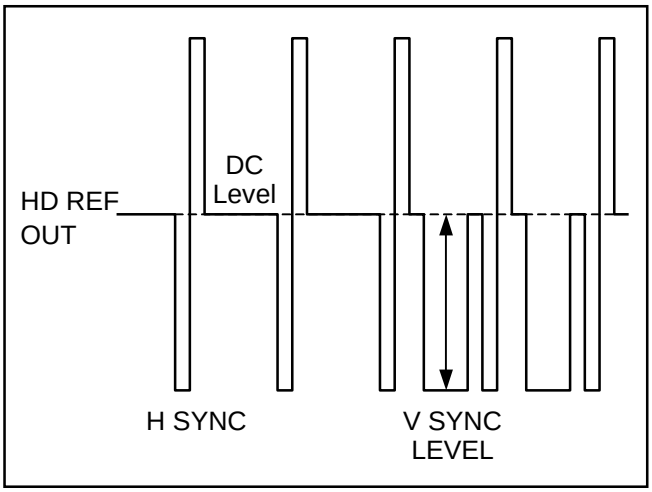


NOTE :
In case your signal generator has no HD REF OUT (Try Sync Signal), prepare the another AJ-HD1500 and feed the Ref from HD REF OUT.

7-4. HD REF OUT Adjustment

BOARD	V PROC (F4)
TP	HD REF OUT
ADJ.	VR446 (HD REF LEVEL), VR448 (HD REF DC)
TAPE	-----
INPUT	HD REF IN : TriSync / 1080I 50Hz
MODE	EE Setup menu No.031 **OUTREF: HD REF**
M. EQ	Oscilloscope
SPEC.	DC = 0 ± 3 mV, SYNC = -300 mV ± 3 mV

1. Select the HD REF on the menu “031 : OUTREF”.
2. Adjust the SYNC level with the VR446 and the DC level with the VR448.

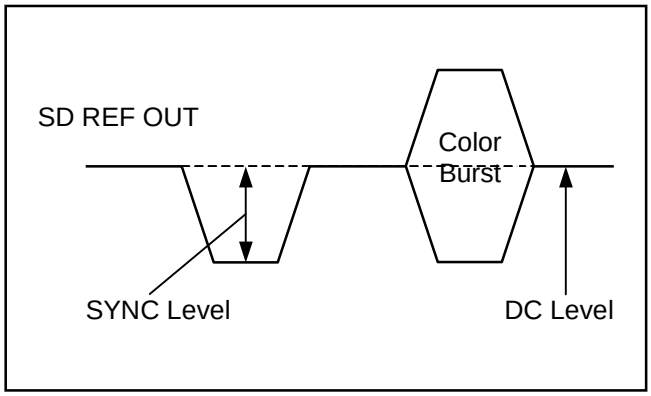


NOTE : Adjust with the V SYNC Level.

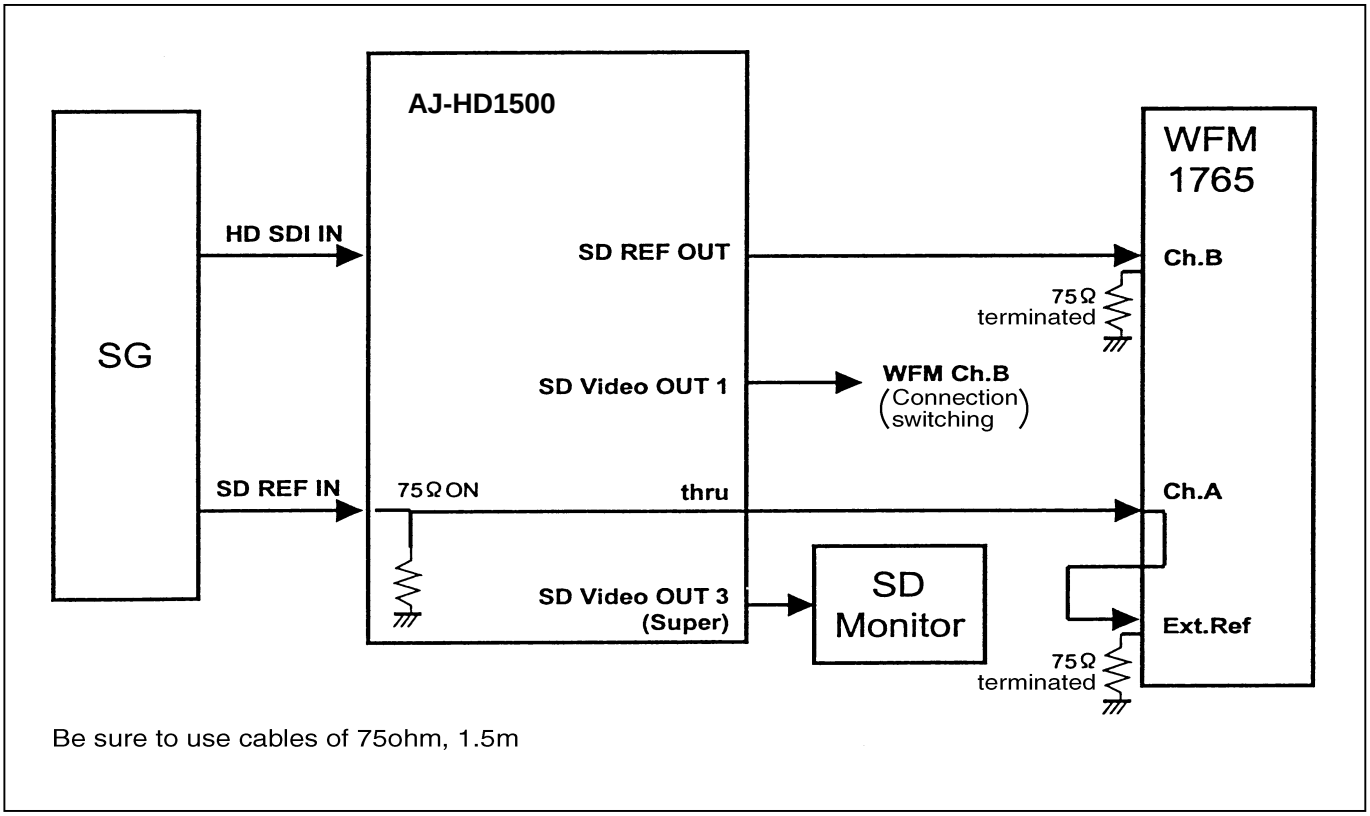
7-5. SD REF OUT Adjustment

BOARD	V PROC (F4)
TP	SD REF OUT
ADJ.	VR445 (SD REF LEVEL), VR447 (SD REF DC)
TAPE	-----
INPUT	SD REF IN = 525i/59Hz BB (w/ CF flag)
MODE	EE Setup menu No.031 **OUTREF: SD REF**
M. EQ	Oscilloscope
SPEC.	DC = 0 ± 3 mV, SYNC = -286 mV ± 3 mV

1. Select the **SD REF** on the menu “031 : OUTREF”.
2. Adjust the SYNC level with the VR445 and the DC level with the VR447, so that they are within specification.



Connection (2)

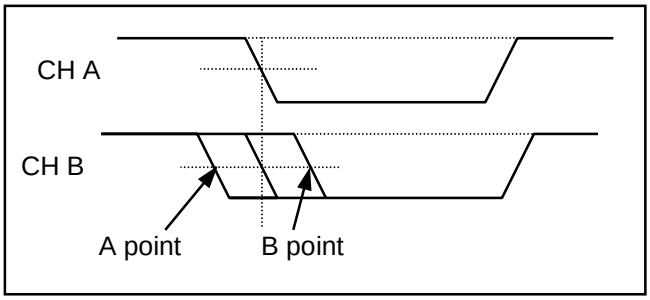


7-6. SD REF SYS H Adjustment

BOARD	V PROC (F4)
TP	SD REF OUT, SD REF IN through
ADJ.	VR155 (H PHASE NT)
TAPE	-----
INPUT	SD REF IN = 525i/59Hz BB (w/ CF flag)
MODE	EE Setup menu No.031 **OUTREF: SD REF**
M. EQ	WFM
SPEC.	Phase H = 200 nsec

<WFM Connection>
CH A : SD REF IN THROUGH
CH B : SD REF OUT
EXT Ref : SD REF IN THROUGH

1. Select the **SD REF** on the menu “031 : OUTREF”.
2. Adjust the burst vector phase of the CH A on the EXT REF mode in Vector Scope.
3. Set the WFM to the CH B. Adjust the phase H with the VR155 to match both falling edges of CH A and CH B.
   The phase H fluctuates intermittently. Take the middle of A and B points.



7-7. SD REF SYS SC Adjustment

BOARD	V PROC (F4)
TP	SD REF OUT, SD REF IN through
ADJ.	VR400 (SD REF PHASE), VR155 (H PHASE NT)
TAPE	-----
INPUT	SD REF IN = 525i/59Hz BB
MODE	EE Setup menu No.031 **OUTREF: SD REF**
M. EQ	WFM
SPEC.	SC Phase = ± 15°

<WFM Connection>
CH A : SD REF IN THROUGH
CH B : SD REF OUT
EXT Ref : SD REF IN THROUGH

1. Select the **SD REF** on the menu “031 : OUTREF”.
2. Set the WFM to the CH B. Adjust the burst phase with the VR400 to match the phase of CH B to that of CH A.
3. If it cannot be realized, adjust the VR disagrees with the CH A phase, adjust the VR155 to meet the specification. Then, do the "7-6. SD REF SYS H Adjustment" again.
4. Turn the VTR OFF and ON, and confirm the matching of H and SC phases.

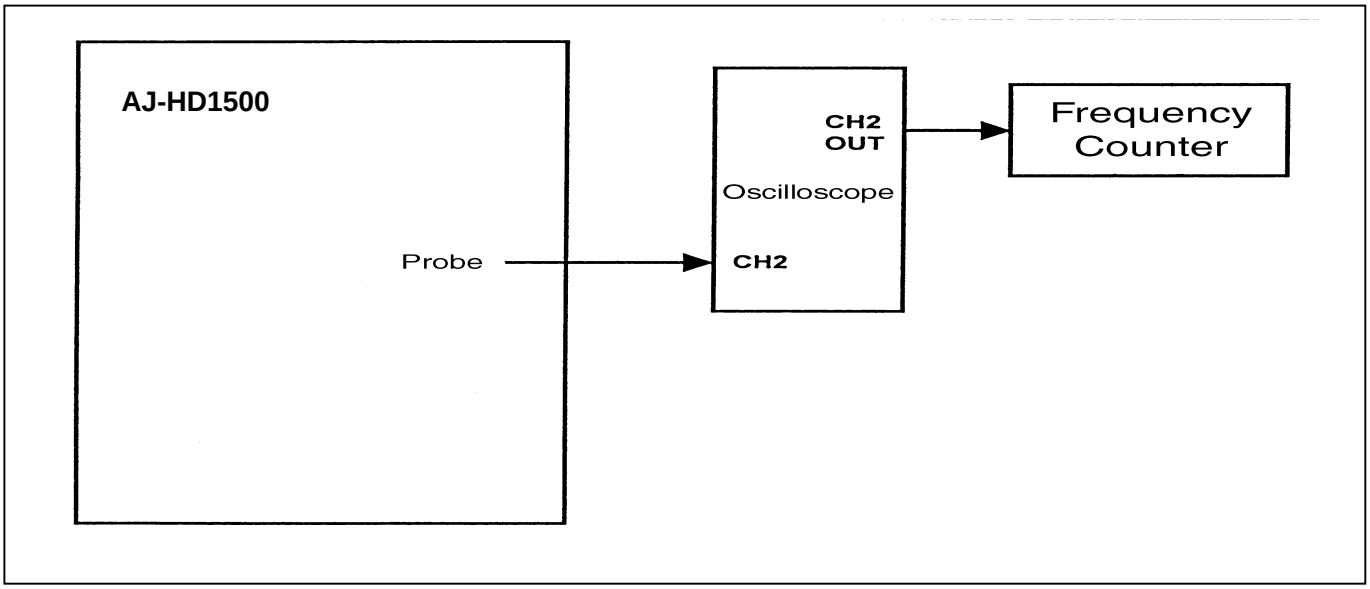
7-8. SD SYS SYS SC Adjustment

BOARD	V PROC (F4)
TP	VIDEO OUT 1, SD REF IN through
ADJ.	VR401 (NT VPHASE)
TAPE	-----
INPUT	SD REF IN = 525i/59Hz BB
MODE	EE Setup menu No.031 **OUTREF: SD REF**
M. EQ	WFM
SPEC.	SC Phase = ± 30°

<WFM Connection>
CH A : SD REF IN THROUGH
CH B : **VIDEO OUT 1**
EXT Ref : SD REF IN THROUGH

1. Select the **SD REF** on the menu “031 : OUTREF”.
2. Adjust the burst vector phase of the CH A in the EXT REF mode.
3. Set the WFM to the CH B and adjust the burst phase with the VR401 to match the phase of CH B to that of CH A.

Connection (3)



7-9. NTSC 4fsc Adjustment

BOARD	V PROC (F4)
TP	TP195
ADJ.	VR195 (NTSC FREQ)
TAPE	-----
INPUT	-----
MODE	EE Setup menu No.031 **OUTREF: SD REF**
M. EQ	Frequency Counter
SPEC.	14.318180 MHz ± 200 Hz

1. Disconnect all Ref. Inputs.
2. Adjust the frequency with the VR195 to the specification.

7-10. HD 74MHz Adjustment

BOARD	V PROC (F4)
TP	TP368 (HOT), TG365 (GND)
ADJ.	VR366 (HD FREQ59)
TAPE	-----
INPUT	-----
MODE	EE Setup menu No.031 **OUTREF: HD REF**
M. EQ	Frequency Counter
SPEC.	74.175824 MHz ± 200 Hz

1. Disconnect all Ref. Inputs.
2. Adjust the frequency with the VR366 to the specification.

8. A ADDA (F1)

8-1. Initial Setting

< A ADDA Board Switch Setting >

SW1 : High
SW101 : High
SW201 : High
SW301 : High

< Audio Analyzer Setting >

GENERATOR
OUTPUT 50Ω
(A & B, BAL, FLOAT)
ANALYZER
CHANNEL-A INPUT 100kΩ
CHANNEL-B INPUT 100kΩ

< Service Menu Initial Setting >

1. Set the 1-PIN of the DIP SW on the back of the front panel to ON, and open the “AUDIO ADJUST” menu on the Service Menu.
2. Set the menu items as shown below.
   G01 : REF LEVEL1 Fs –20
   G01 : REF LEVEL2 0 dB
   G01 : REF LEVEL3 0 dB
3. Set the 1-PIN of the DIP SW on the back of the front panel to OFF.
4. Confirm that all audio adjust knobs are UNITY position.

< User Menu Setting >

1. Set the AUDIO MENU items (No. 700 series) of the SETUP-MENU as shown below.

700 AUDIO IN SEL	AES
701 CH1 IN LV	0dB
702 CH2 IN LV	0dB
703 CH3 IN LV	0dB
704 CH4 IN LV	0dB
706 CH1 OUT LV	0dB
707 CH2 OUT LV	0dB
708 CH3 OUT LV	0dB
709 CH4 OUT LV	0dB
711 MONIL OUT LV	0dB
712 MONIR OUT LV	0dB
713 MONI OUT	VAR
722 REC CH1	CH1
723 REC CH2	CH2
724 REC CH3	CH3
725 REC CH4	CH4

8-2. CMRR Adjustment

BOARD	A ADDA (F1)
TP	TP2 (CH1), TP102 (CH2), TP202 (CH3), TP302 (CH4)
ADJ.	VR1 (CH1), VR101 (CH2), VR201 (CH3), VR301 (CH4)
TAPE	-----
INPUT	AUDIO IN (CH1, CH2, CH3, CH4) 0 dB/1kHz Sine wave (CMTST)
MODE	EE
M. EQ	Monitor TV, Audio Analyzer, Oscilloscope
SPEC.	Minimum

1. Set the menu item “700 AUDIO IN SEL” to ANA.
2. Switch the GENERATOR OUTPUT of the audio analyzer from BAL to CMTST.
3. Adjust each channel to minimize the output level.
4. After adjustment, switch the GENERATOR OUTPUT of the audio analyzer to BAL.

8-3. Output Balance Adjustment

BOARD	A ADDA (F1)
TP	AUDIO OUT (CH1-CH4) MONITOR OUT (LCH, RCH)
ADJ.	VR402 (CH1), VR502 (CH2), VR602 (CH3), VR702 (CH4), VR802 (LCH), VR902 (RCH)
TAPE	-----
INPUT	INT SG as AUDIO IN (CH1, CH2, CH3, CH4) 1kHz –18dBFs
MODE	EE
M. EQ	Monitor TV, Oscilloscope
SPEC.	Minimum

<Oscilloscope Setting>
CH1 :HOT
CH2 :COLD
MODE :ADD

1. Set the menu item “700 AUDIO IN SEL” to INT SG, and set the menu item “713 MONI OUT” to UNITY.
2. Adjust each VR to minimize the output level.

8-4. Input Level Adjustment

BOARD	A ADDA (F1)
TP	**ASE/EBU OUT** (CH1, CH2, CH3, CH4)
ADJ.	VR2 (CH1), VR102 (CH2), VR202 (CH3), VR302 (CH4)
TAPE	-----
INPUT	AUDIO IN (CH1, CH2, CH3, CH4) 0 dB/1kHz Sine wave (BAL)
MODE	EE
M. EQ	Monitor TV, Audio Analyzer, Oscilloscope
SPEC.	-20 dBFS ± 0.05 dB

1. Adjust each VR so that AES/EBU output level is within specification.

NOTE : Keep observing the MONITOR OUTPUT of the audio analyzer with an oscilloscope, and confirm that normal sine waves are output. Be sure to confirm that normal sine waves are output for all the adjustments and checks.

8-5. Output Level Adjustment

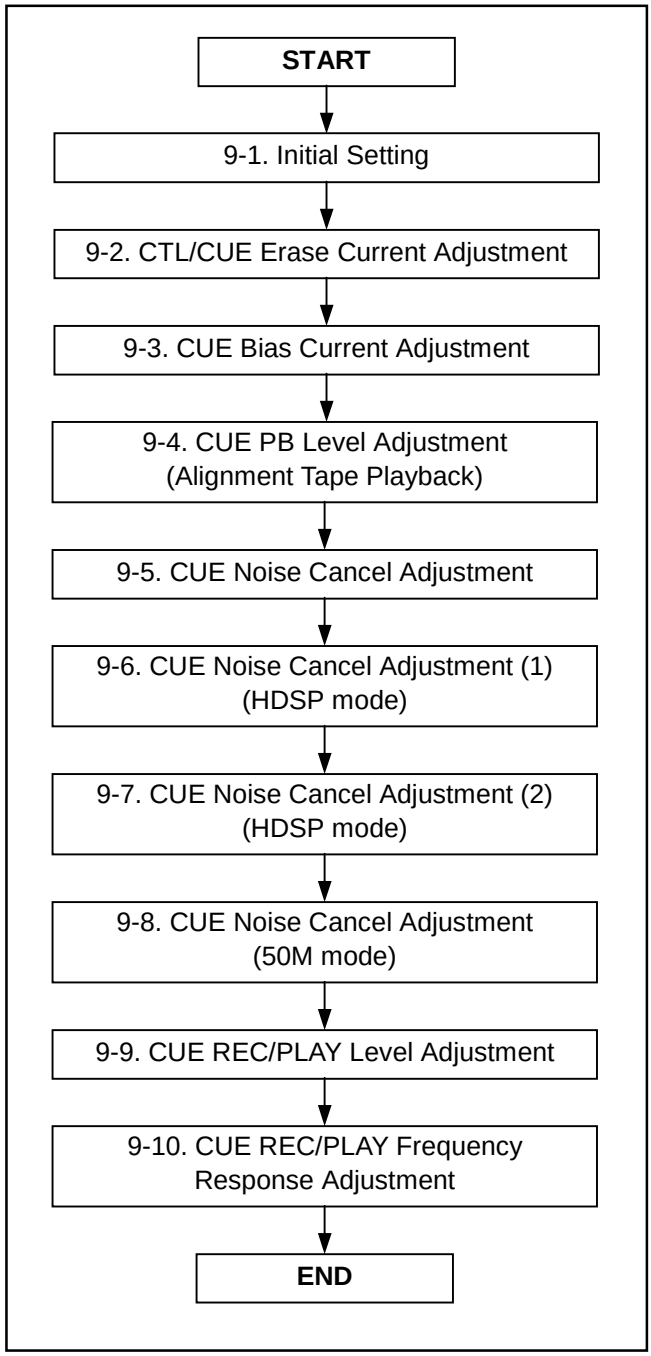
BOARD	A ADDA (F1)
TP	AUDIO OUT (CH1-CH4) MONITOR OUT (LCH, RCH)
ADJ.	VR401 (CH1), VR501 (CH2), VR601 (CH3), VR701 (CH4), VR801 (LCH), VR901 (RCH)
TAPE	-----
INPUT	AUDIO IN (CH1, CH2, CH3, CH4) 0 dB/1kHz Sine wave (BAL)
MODE	EE
M. EQ	Monitor TV, Oscilloscope, Audio Analyzer
SPEC.	0 dBu ± 0.1 dB

1. Adjust each VR so that AES/EBU output level is within specification.

NOTE : Keep observing the MONITOR OUTPUT of the audio analyzer with an oscilloscope, and confirm that normal sine waves are output. Be sure to confirm that normal sine waves are output for all the adjustments and checks.

9. CUE (H3)

CUE Adjustment Flow Chart



9-1. Initial Setting

1. Set the CUE REC VR and CUE PB VR to the UNITY condition.
2. Set the switches on the CUE Board as shown below.

SW	Name	Setting
SW4101	CUE IN Impedance	HIGH
SW4002	NR Switching	NORMAL
SW4001	REC EQ	PIN 1 : ON PIN 2 : OFF PIN 3 : ON PIN 4 : OFF
SW4201	1 : FS-12H 2 : OUT600H	PIN 1 : OFF PIN 2 : OFF

3. Set the conditions of measurement equipment as shown below.

OSC Output Impedance	50 Ω
Analyzer Input Impedance	10 kΩ
Setting of Input/Output Level Unit	dBu

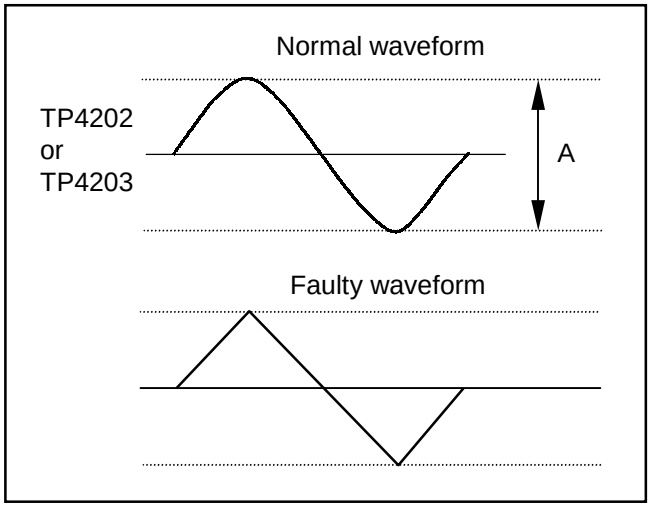
4. Set the service menu as shown below.

Service Menu	G01 : REF LEVEL1	FS-20
	G02 : REF LEVEL2	0 dB
	G03 : REF LEV IN I	0 dB
SET UP Menu	CUE IN LV	0 dB
	CUE OUT LV	0 dB

9-2. CTL/CUE Erase Current Adjustment

BOARD	CUE (H3)
TP	TP4202 (CUE erase), TP4203 (CTL erase) TG4201 (GND)
ADJ.	T4201, T4203, T4204
TAPE	Recording Tape
INPUT	-----
MODE	REC
M. EQ	Oscilloscope
SPEC.	Erase frequency : 70 kHz ± 0.5 kHz A = more than 240 mVp-p

1. Perform a recording.
2. Confirm that the frequency and the voltage at TP 4202 are in specification. (Waveform should not be faulty waveform as shown in the figure below.)
3. In case any of them is out of specification, adjust the T4201 for the frequency or the T4203 for the voltage.
4. Confirm that the voltage at TP4203 is in specification. If not, adjust the T4204.



9-3. CUE Bias Current Adjustment

BOARD	CUE (H3)
TP	TP4002, TP4003 (GND)
ADJ.	FL4001 core, T4202 core, VR4202
TAPE	Recording Tape
INPUT	-----
MODE	REC
M. EQ	Oscilloscope, Vacuum Tube Voltage Meter
SPEC.	Bias Current : 7 mV ± 0.5 mV (19.7 mVp-p ± 1.5 mV) Bias Frequency : 140 kHz ± 1 kHz

1. Connect an oscilloscope to the TP4002, and confirm that the frequency is 140 kHz ± 1 kHz.
   If it is out of specification, adjust the T4205.
2. Connect an vacuum tube voltage meter and adjust the VR4202 so that the voltage is within specification.
3. If the voltage doesn't reach the spec., adjust it with the T4202 to maximize it and re-adjust the VR4202.
4. If the previous step is not enough to reach the spec., adjust the voltage with the FL4001 core to maximize it. Then, readjust the VR4202.

NOTE : Set the vacuum tube voltage meter to the mode on which 140 kHz signal can be measured.

9-4. CUE PB Level Adjustment (Alignment Tape Playback)

BOARD	CUE (H3)
TP	CUE OUT (XLR connector)
ADJ.	VR4002 (PB LEVEL)
TAPE	VFM3380KM for 50M VFM3580KM for 25M
MODE	PLAY
M. EQ	Audio Analyzer
SPEC.	0 dBu ± 0.5 dB (50M mode) 0 dBu ± 1 dB (HD, 25M mode)

1. Play back the VFM3380KM, and adjust the VR4002 so that the CUE OUT level is within specification.
2. Play back the VFM3580KM, and confirm that the level is within specification.

9-5. CUE Noise Cancel Adjustment

BOARD	CUE (H3)
TP	CUE OUT (XLR connector)
ADJ.	VR4005
TAPE	50 M recorded tape without CUE
MODE	PLAY
M. EQ	Audio Analyzer
SPEC.	Minimum noise level

< Audio Analyzer Setting >

- ∗ MEASURE : BANDPASS
- ∗ BP/BR FREQ : 150Hz
- ∗ FILTER : OFF

1. Create a 50M recorded tape without CUE audio by any DVCPRO50. And playback the recorded part.
2. Adjust the VR4005 to minimize the noise level.

9-6. CUE Noise Cancel Adjustment (1) (HDSP mode)

BOARD	CUE (H3)
TP	CUE OUT (XLR connector)
ADJ.	VR4602 (LV300), VR4601 (PS300)
TAPE	HDSP recorded tape without CUE
MODE	PLAY
M. EQ	Audio Analyzer
SPEC.	less than -40dBu

< Audio Analyzer Setting >

- ∗ MEASURE : BANDPASS
- ∗ BP/BR FREQ : 300Hz
- ∗ FILTER : OFF

1. Create a HDSP recorded tape without CUE audio by any DVCPRO HD. And playback the recorded part.
2. Adjust the VR4602 and VR4601 alternately three or four times to minimize the noise level.

9-7. CUE Noise Cancel Adjustment (2) (HDSP mode)

BOARD	CUE (H3)
TP	CUE OUT (XLR connector)
ADJ.	VR4003 (CPS18), VR4006 (CLV18)
TAPE	HDSP recorded tape without CUE
MODE	PLAY
M. EQ	Audio Analyzer
SPEC.	Less than -40dBu

< Audio Analyzer Setting >

- ∗ MEASURE : BANDPASS
- ∗ BP/BR FREQ : 1200Hz
- ∗ FILTER : OFF

1. Playback the HDSP recorded tape without CUE.
2. Adjust the VR4006 and VR4003 alternately three or four times to minimize the noise level.

9-8. CUE Noise Cancel Adjustment (50M mode)

BOARD	CUE (H3)
TP	CUE OUT (XLR connector)
ADJ.	VR4004 (CPS9), VR4007 (CLV9)
TAPE	50 M recorded tape without CUE
MODE	PLAY
M. EQ	Audio Analyzer
SPEC.	less than -40dBu

< Audio Analyzer Setting >

- ∗ MEASURE : BANDPASS
- ∗ BP/BR FREQ : 600Hz
- ∗ FILTER : OFF

1. Create a 50M recorded tape without CUE audio by any DVCPRO50. And playback the recorded part.
2. Adjust the VR4007 and VR4004 alternately three or four times to minimize the noise level.

9-9. CUE REC/PLAY Level Adjustment

BOARD	CUE (H3)
TP	CUE OUT (XLR connector)
ADJ.	VR4001 (REC CURR)
TAPE	Recording tape
INPUT	0dBu/1kHz Sine wave (BAL)
MODE	REC, PLAY
M. EQ	Audio analyzer
SPEC.	0 dBu ± 1dB

< Audio Analyzer Setting >

- ∗ MEASURE : AMPLITUDE
- ∗ BP/BR FREQ : AUTO
- ∗ FILTER : OFF
- ∗ BANDWIDTH : 22Hz, 22kHz

1. Record CUE Audio and play back the recorded part.
2. Confirm that the playback level is in specification.
3. If not, adjust the VR4001 and repeat the step 1 and 2.

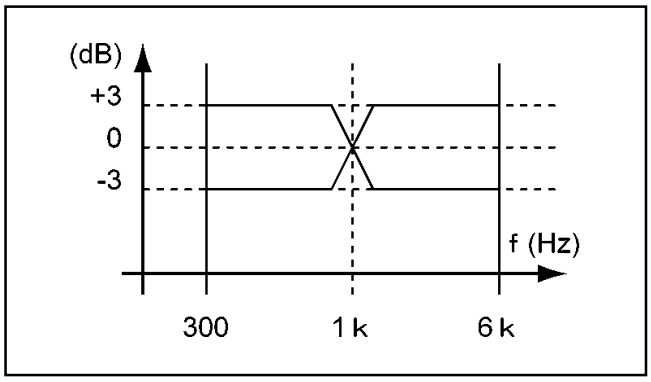
9-10. CUE REC/PLAY Frequency Response Adjustment

BOARD	CUE (H3)
TP	CUE OUT (XLR connector)
ADJ.	SW4002, SW4001-1, 2, 3, 4
TAPE	Recording Tape
INPUT	0dBu Sine Wave
MODE	REC, PLAY
M. EQ	Audio Analyzer
SPEC.	Level difference at 1kHz = 0 ± 3 dB

< Audio Analyzer Setting >

- ∗ MEASURE : AMPLITUDE
- ∗ BP/BR FREQ : AUTO
- ∗ FILTER : OFF
- ∗ BANDWIDTH : 22Hz, 22kHz

1. SW4002 : NORMAL.
2. Record CUE audio signal while changing the frequency among 300, 500, 2k and 6kHz.
3. Playback the recorded part, and confirm that the level difference at 1 kHz is within specification.
4. In case of out of specification, change the SW4001-1, 2, 3, and 4 to adjust it.
   < Adjustable range>
   SW4001-1 and 2 : around 6 kHz
   SW4001-3 and 4 : from 1 kHz and 6 kHz.



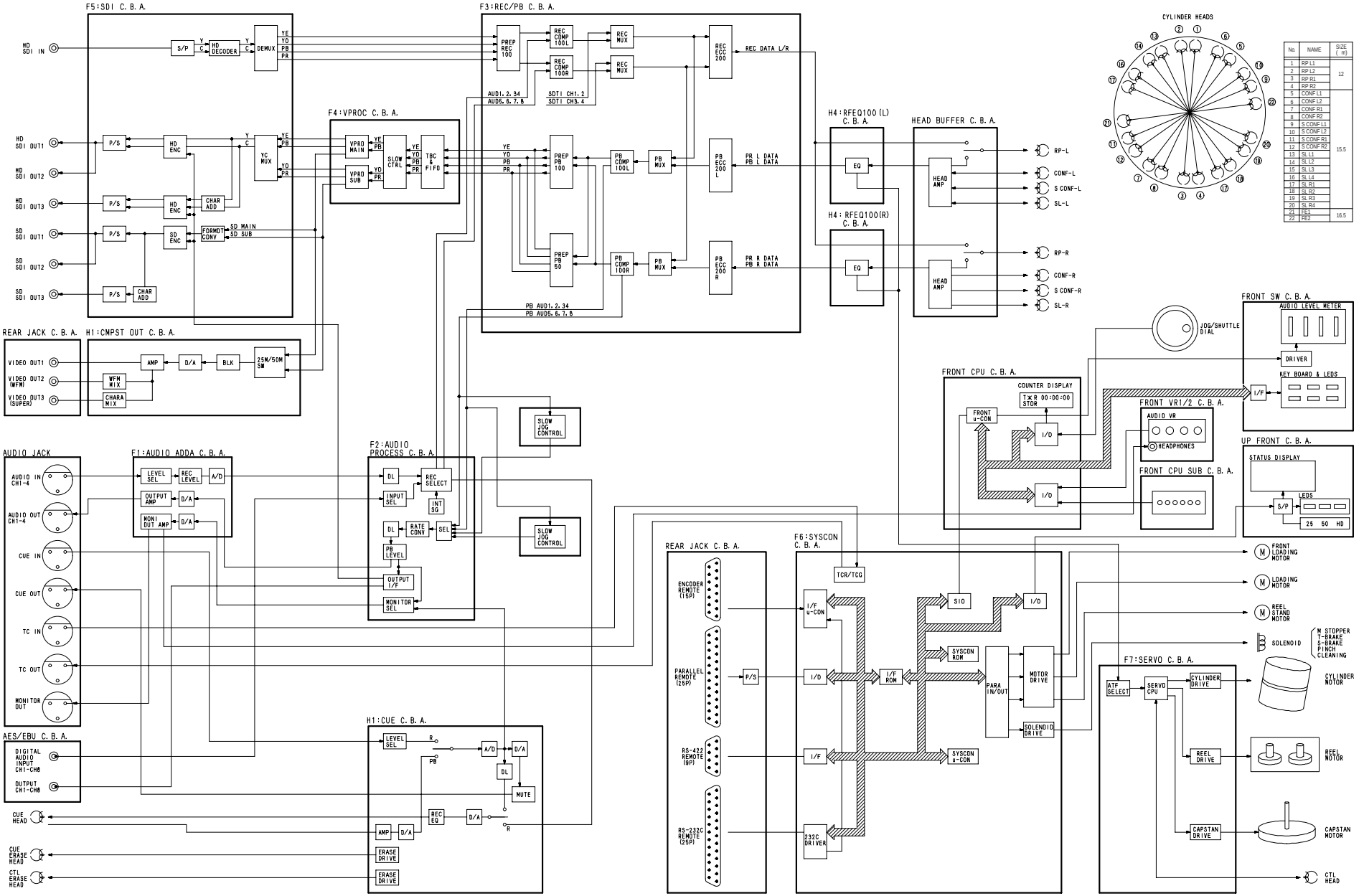
SECTION 5

BLOCK DIAGRAMS

CONTENTS

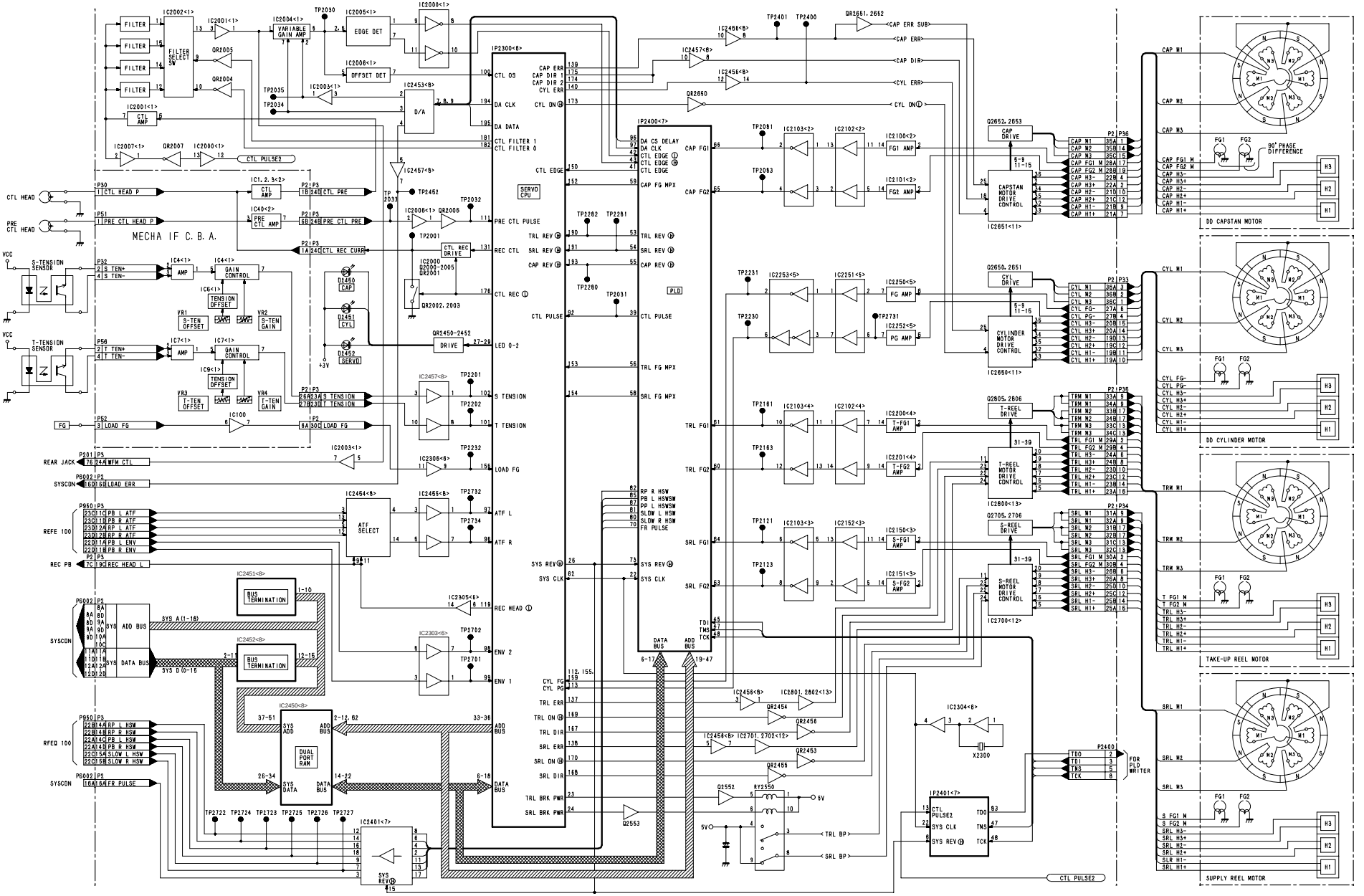
OVERALL BLOCK DIAGRAM.....BLK-1
SERVO BLOCK DIAGRAM.....BLK-2
SYSCON BLOCK DIAGRAM.....BLK-3
FRONT BLOCK DIAGRAM.....BLK-4
CMPST OUT BLOCK DIAGRAM.....BLK-5
SDI (1/2) BLOCK DIAGRAM.....BLK-6
SDI (2/2) BLOCK DIAGRAM.....BLK-7
V_ PROC (1/2) BLOCK DIAGRAM.....BLK-8
V_ PROC (2/2) BLOCK DIAGRAM.....BLK-9
REC PB (1/2) BLOCK DIAGRAM.....BLK-10
REC PB (2/2) BLOCK DIAGRAM.....BLK-11
RF EQ BLOCK DIAGRAM.....BLK-12
HEAD BUFF BLOCK DIAGRAM.....BLK-13
A PROC BLOCK DIAGRAM.....BLK-14
A PROC (U/D CON I/ F) BLOCK DIAGRAM.....BLK-15
A ADDA BLOCK DIAGRAM.....BLK-16
CUE BLOCK DIAGRAM.....BLK-17
UP/ DOWN CONVERTER BLOCK DIAGRAM.....BLK-18

OVERALL BLOCK DIAGRAM

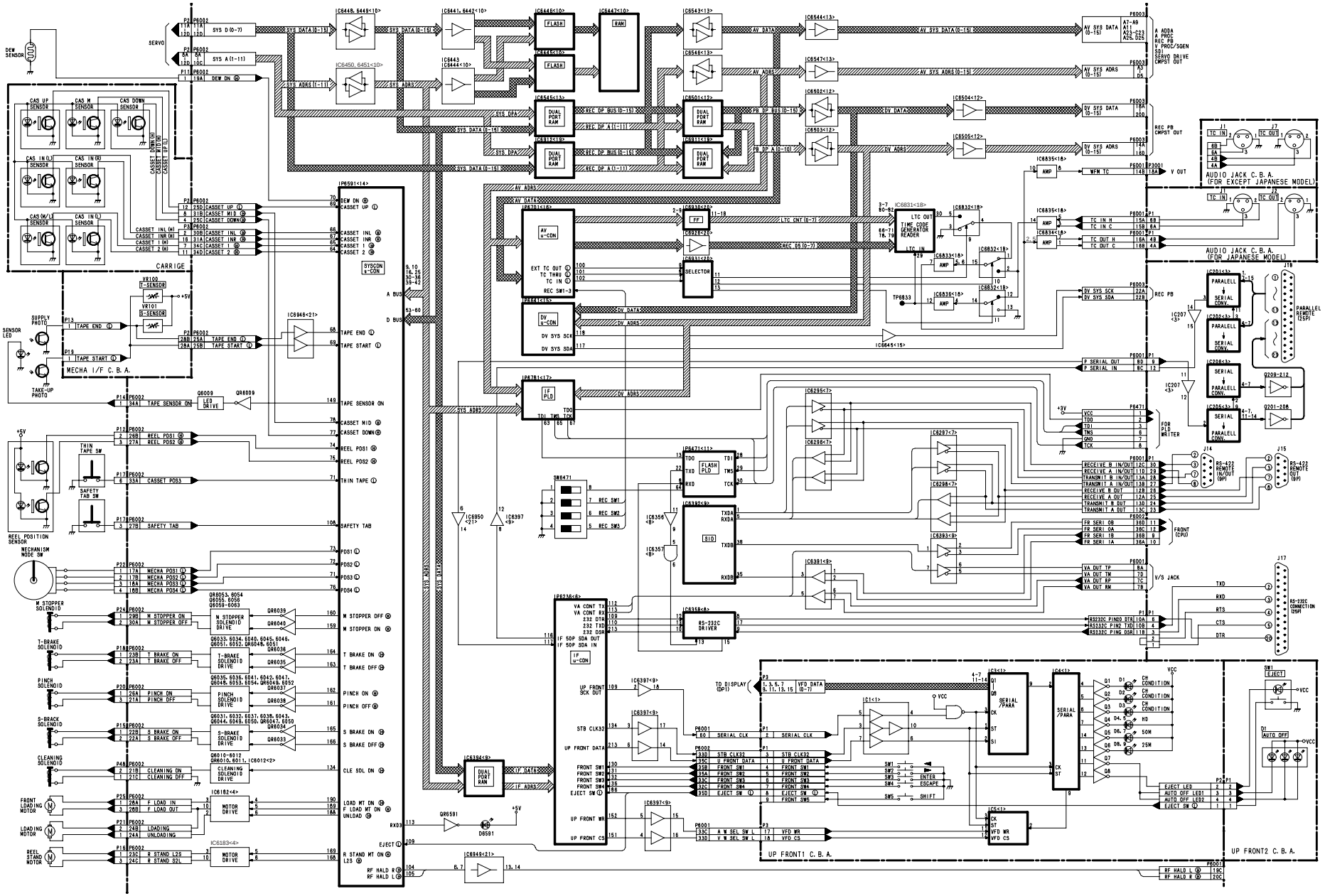


No.	NAME	SIZE (m)
1	RP L1	12
2	RP L2	
3	RP R1	
4	RP R2	
5	CONF L1	15.5
6	CONF L2	
7	CONF R1	
8	CONF R2	
9	S CONF L1	
10	S CONF L2	
11	S CONF R1	
12	S CONF R2	
13	SL L1	
14	SL L2	
15	SL L3	
16	SL L4	
17	SL R1	
18	SL R2	
19	SL R3	
20	SL R4	
21	PE1	16.5
22	PE2	

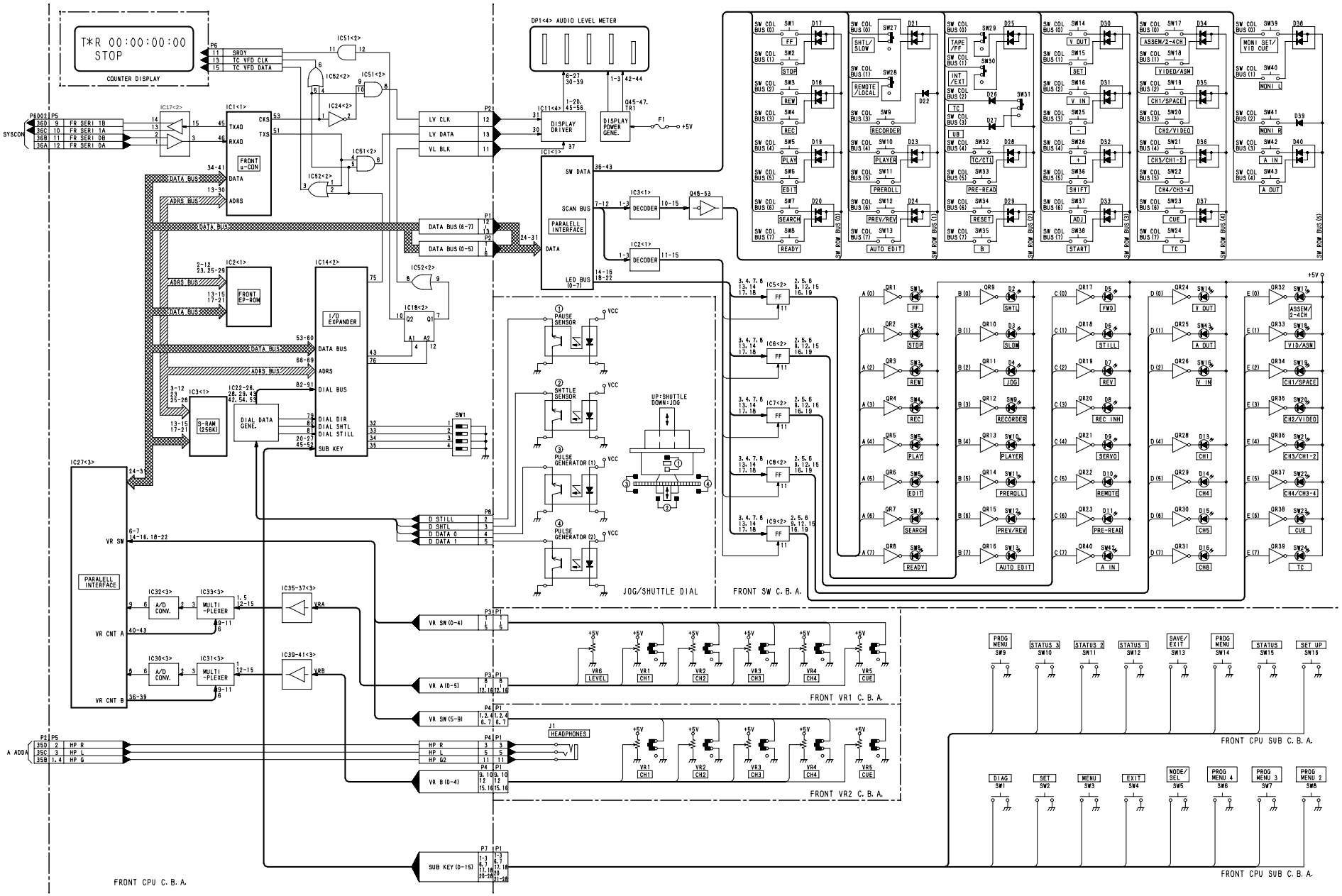
SERVO BLOCK DIAGRAM



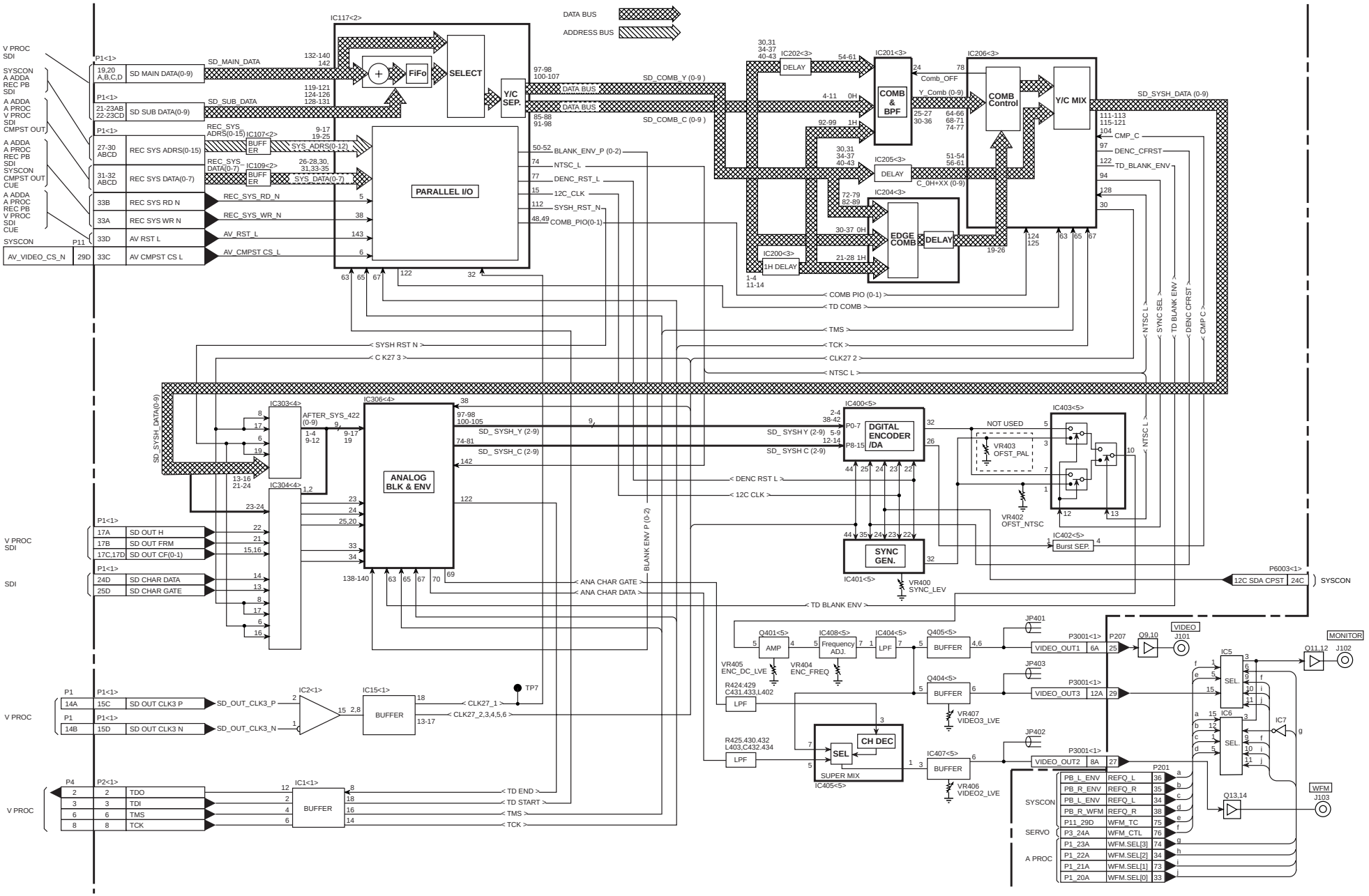
SYSCON BLOCK DIAGRAM



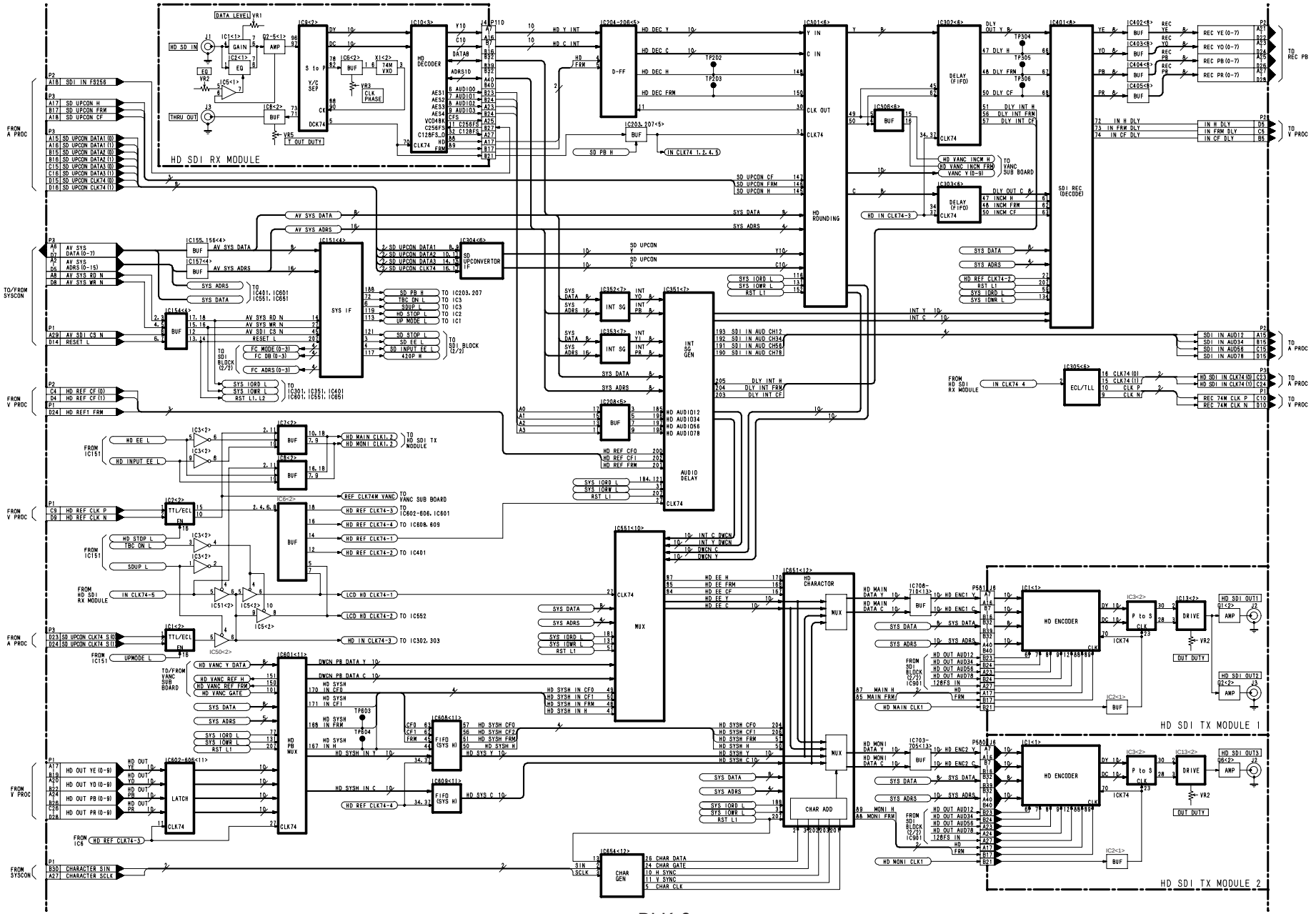
FRONT BLOCK DIAGRAM



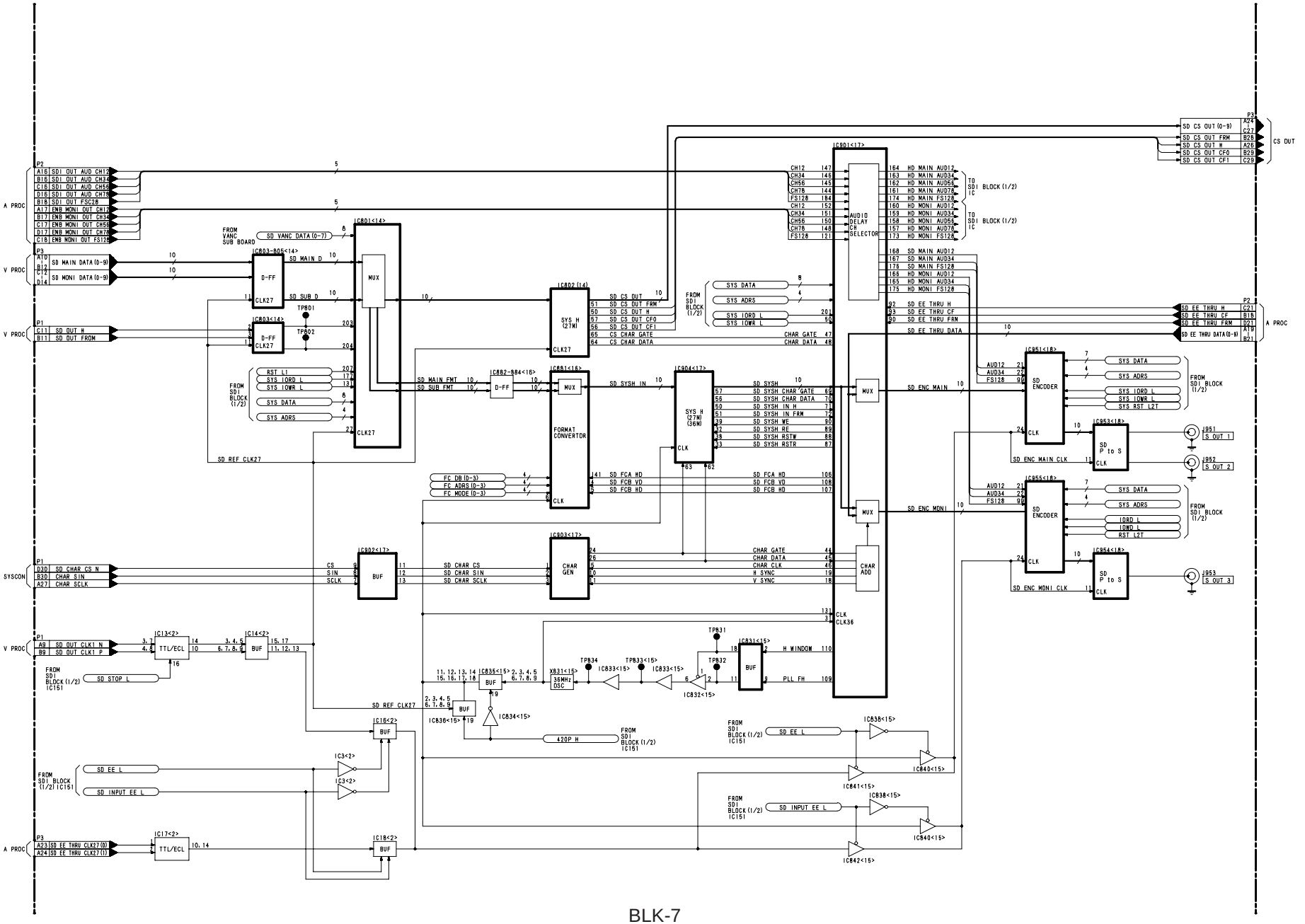
CMPST OUT BLOCK DIAGRAM



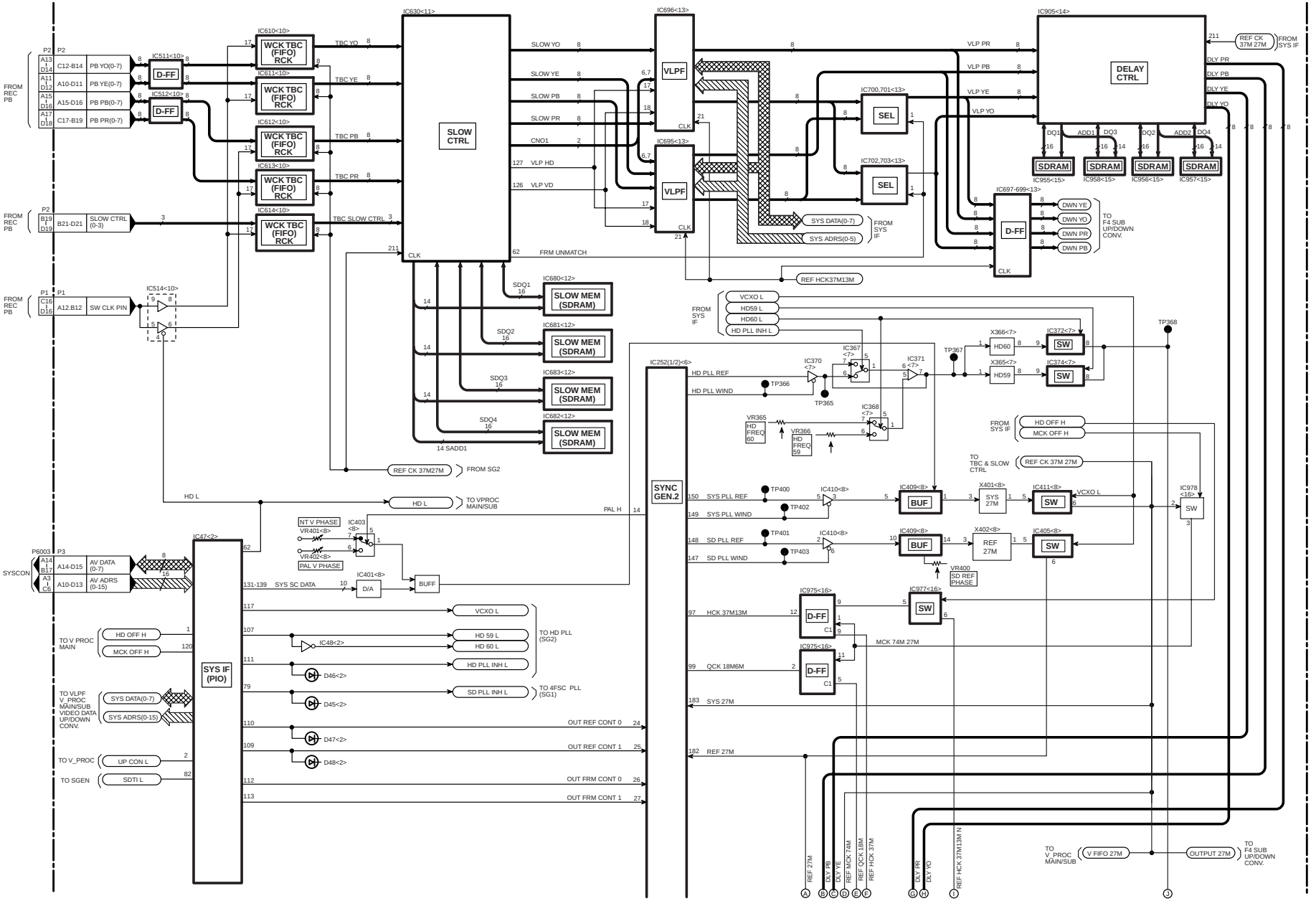
SDI (1/2) BLOCK DIAGRAM



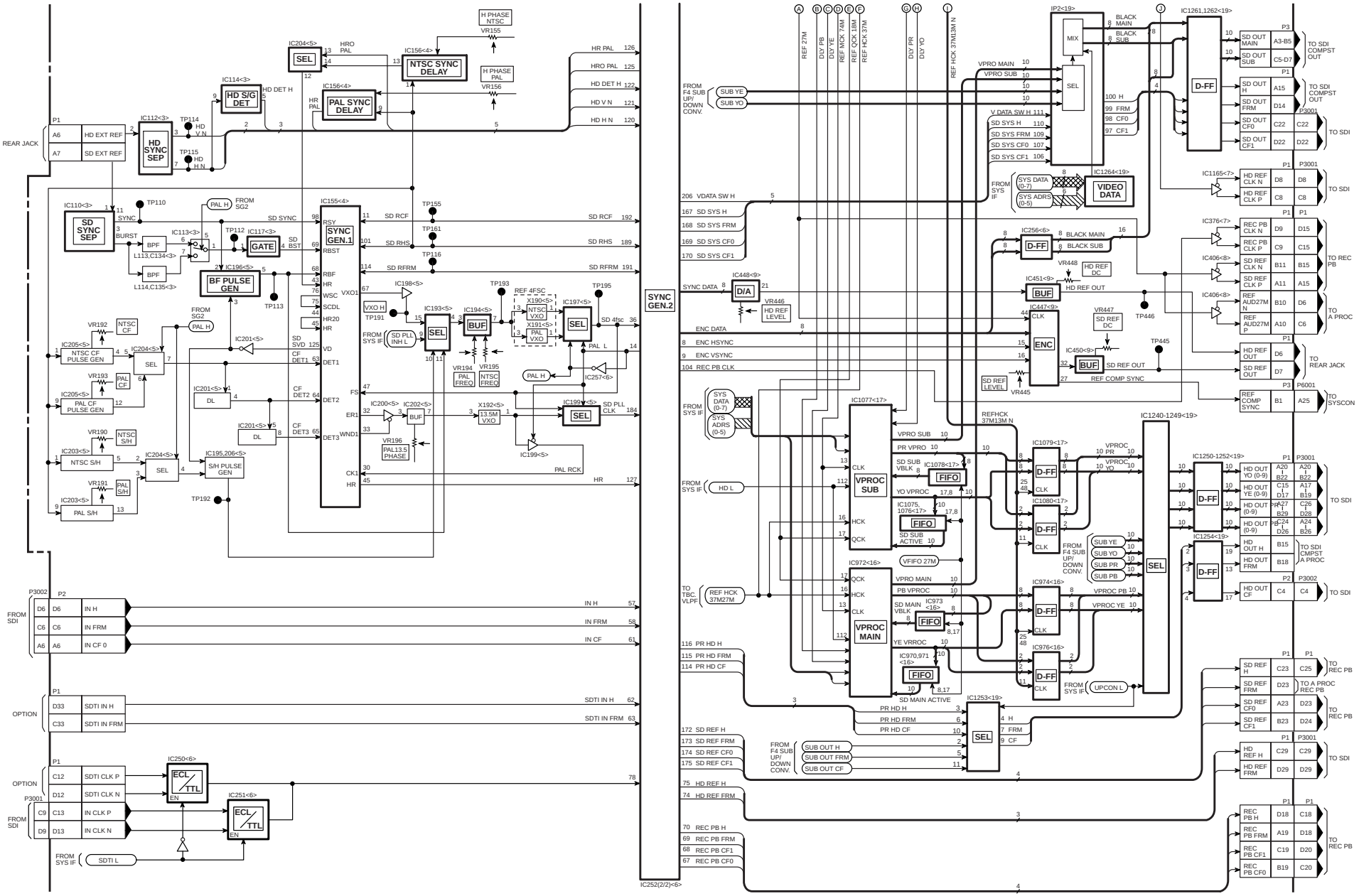
SDI (2/2) BLOCK DIAGRAM



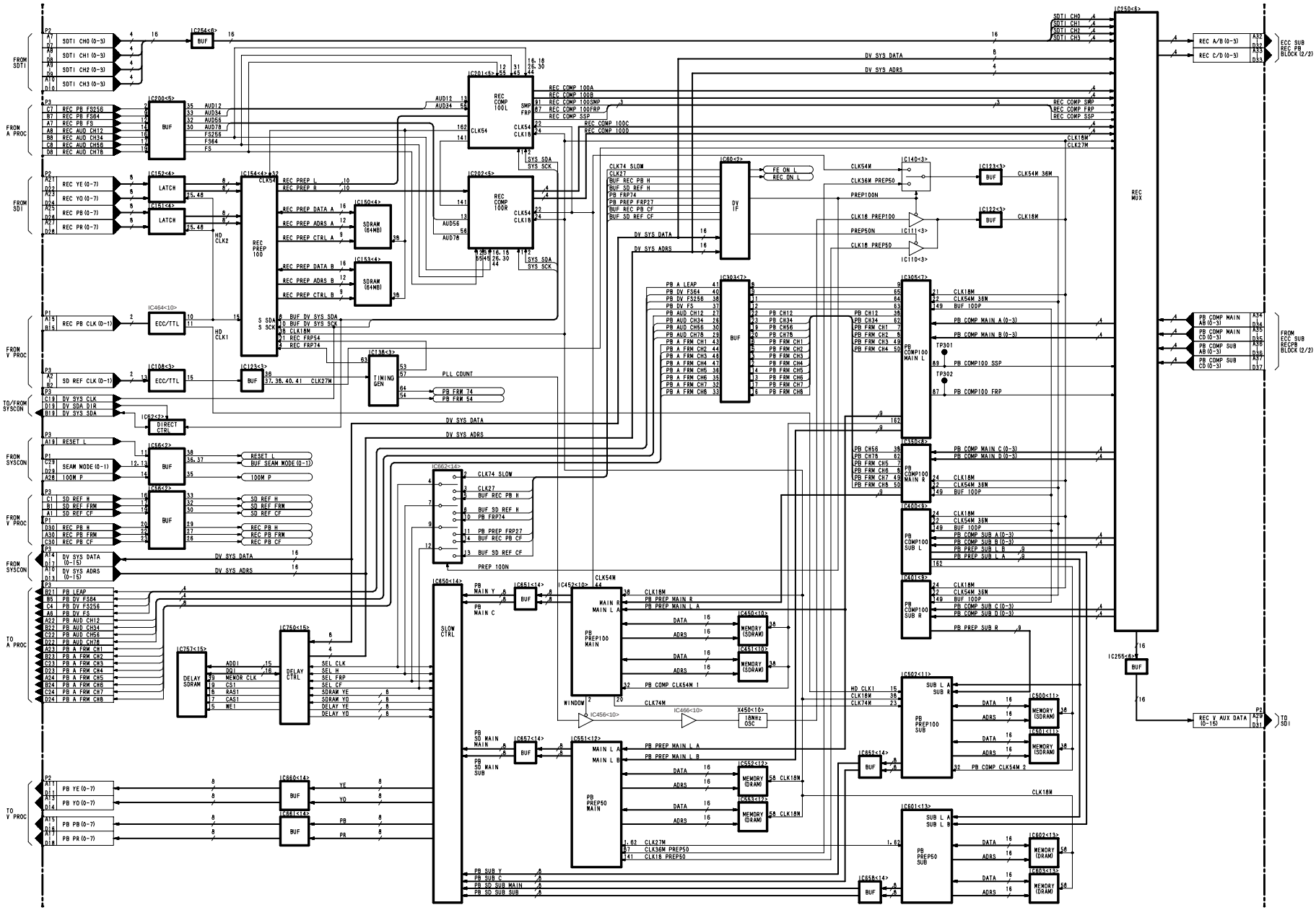
V_ PROC (1/2) BLOCK DIAGRAM



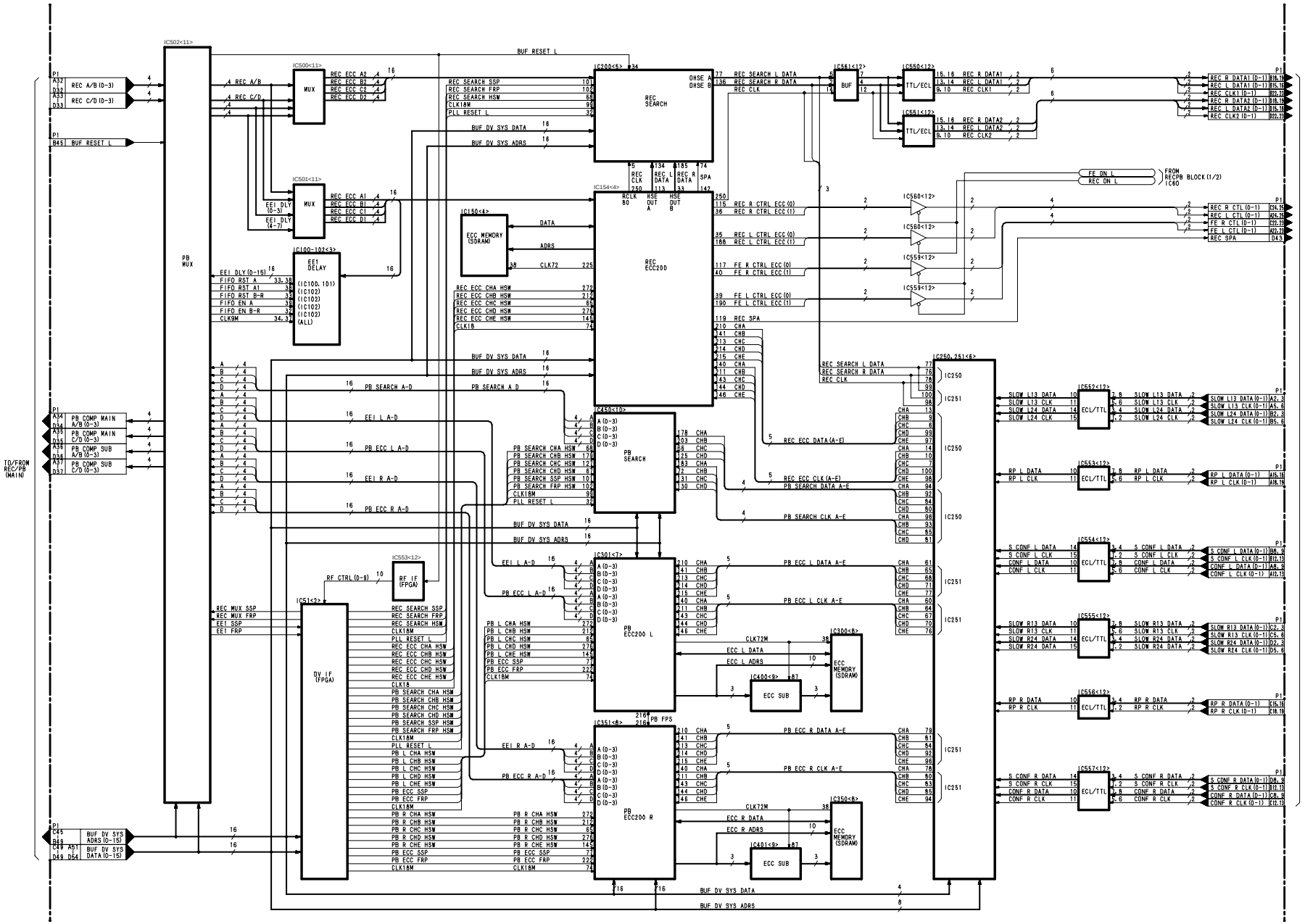
V_ PROC (2/2) BLOCK DIAGRAM



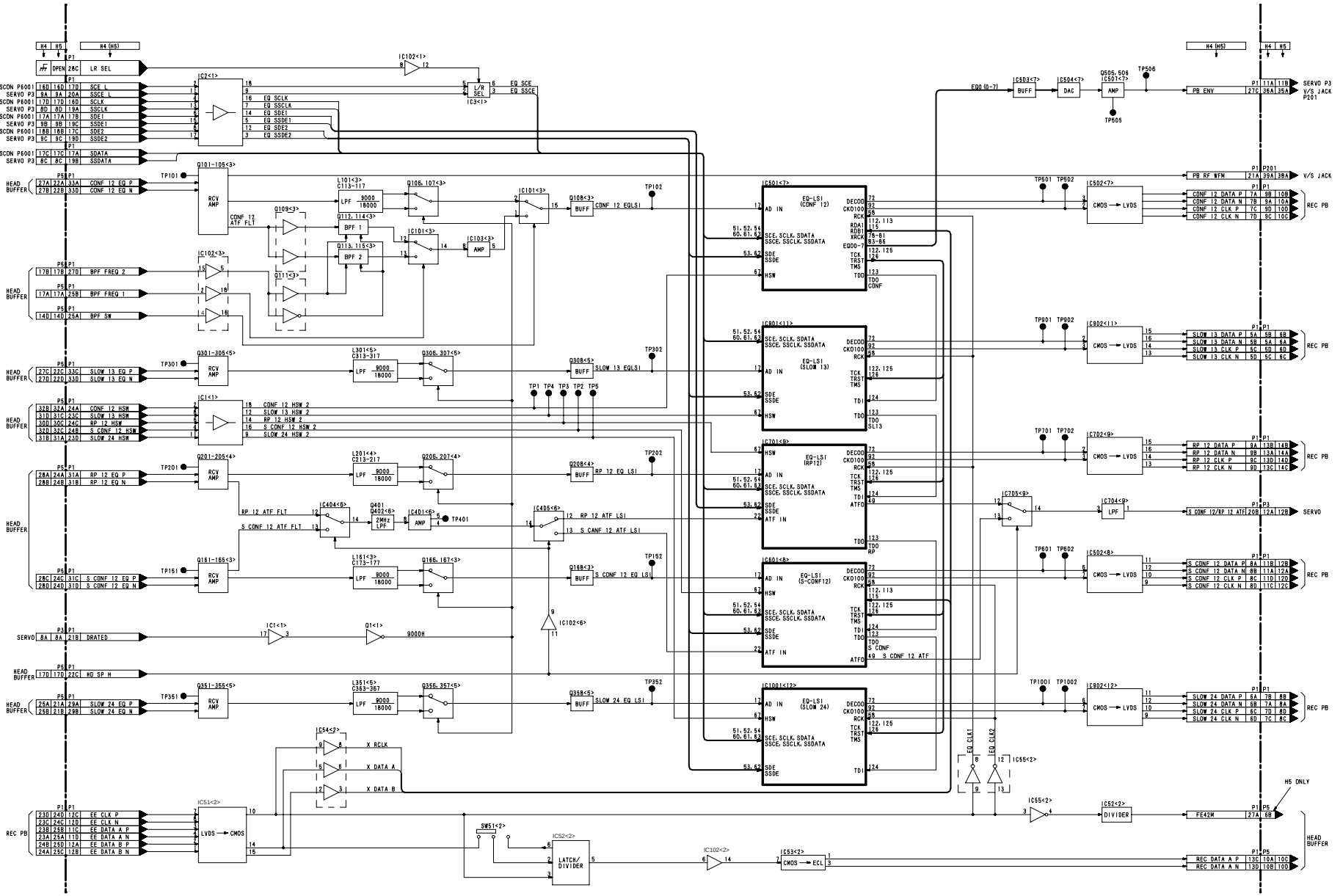
REC PB (1/2) BLOCK DIAGRAM



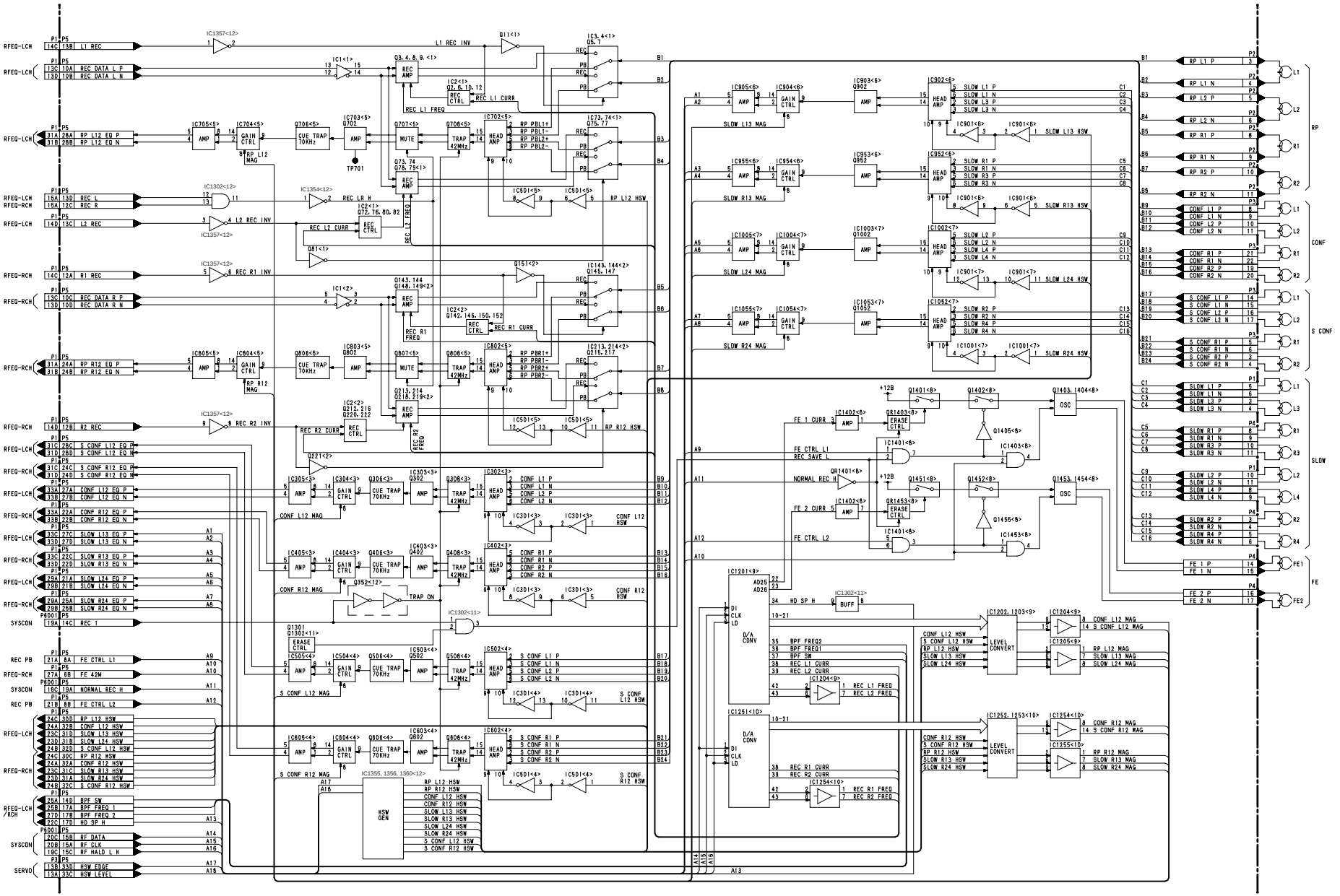
REC PB (2/2) BLOCK DIAGRAM



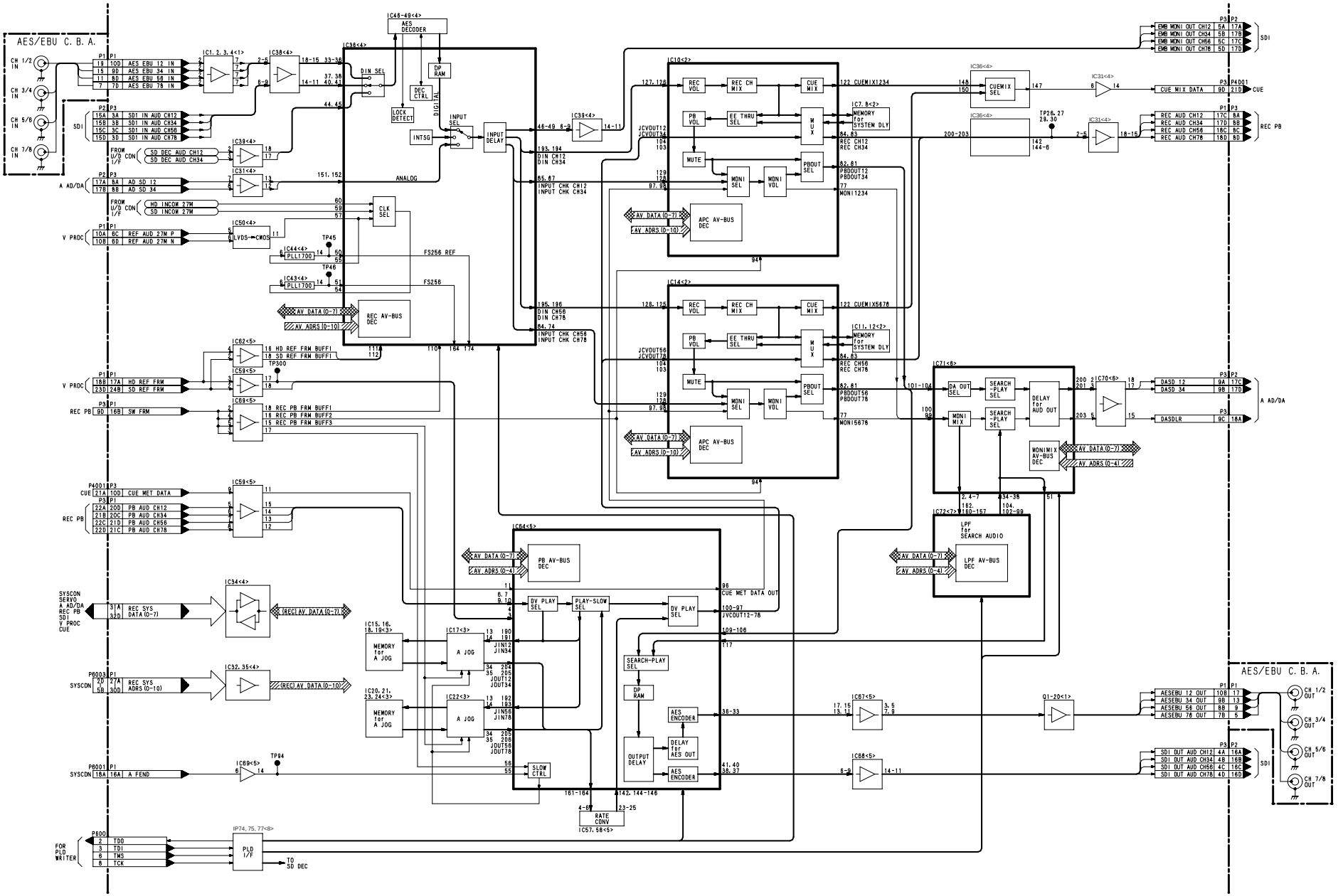
RF EQ BLOCK DIAGRAM



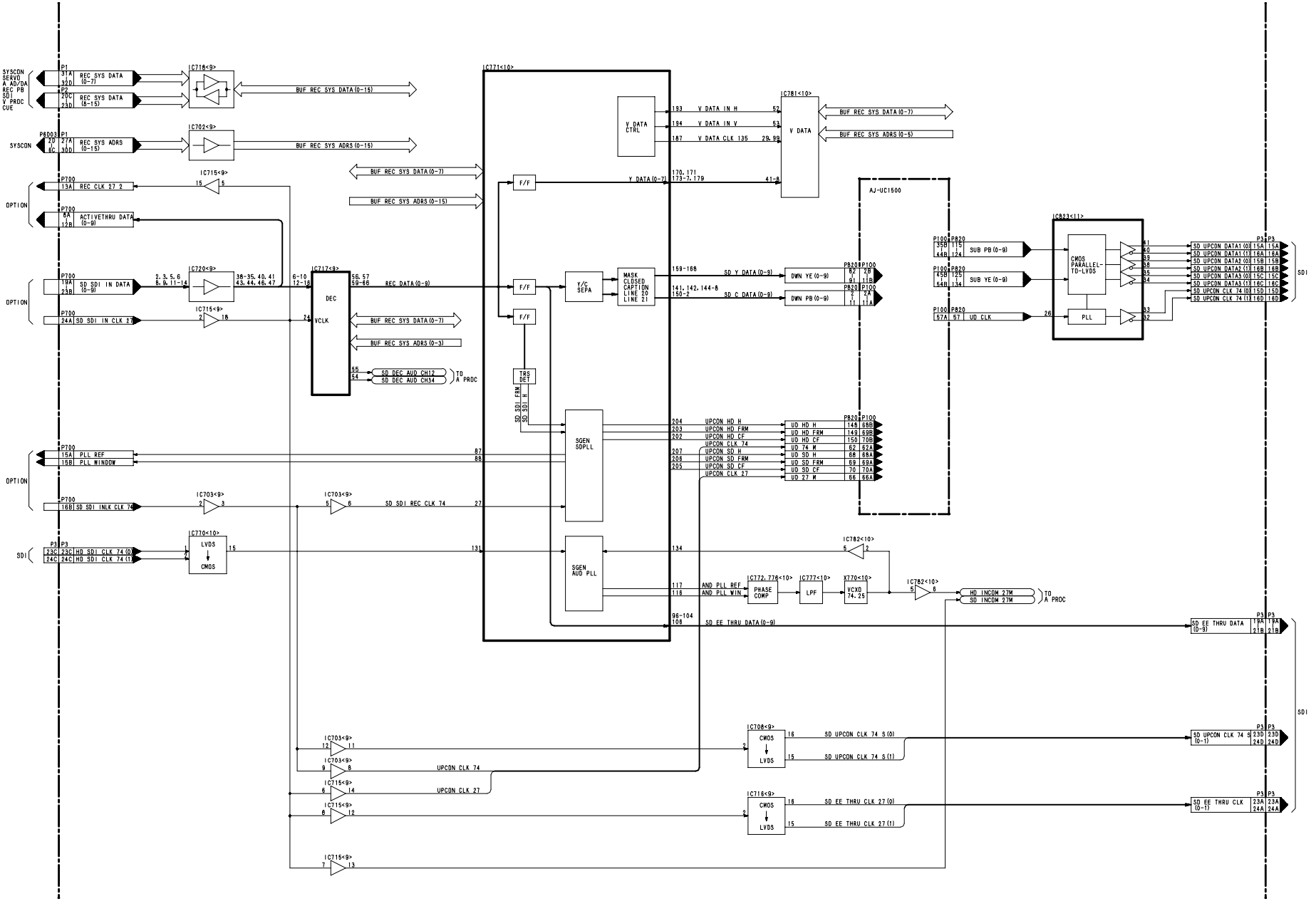
HEAD BUFF BLOCK DIAGRAM



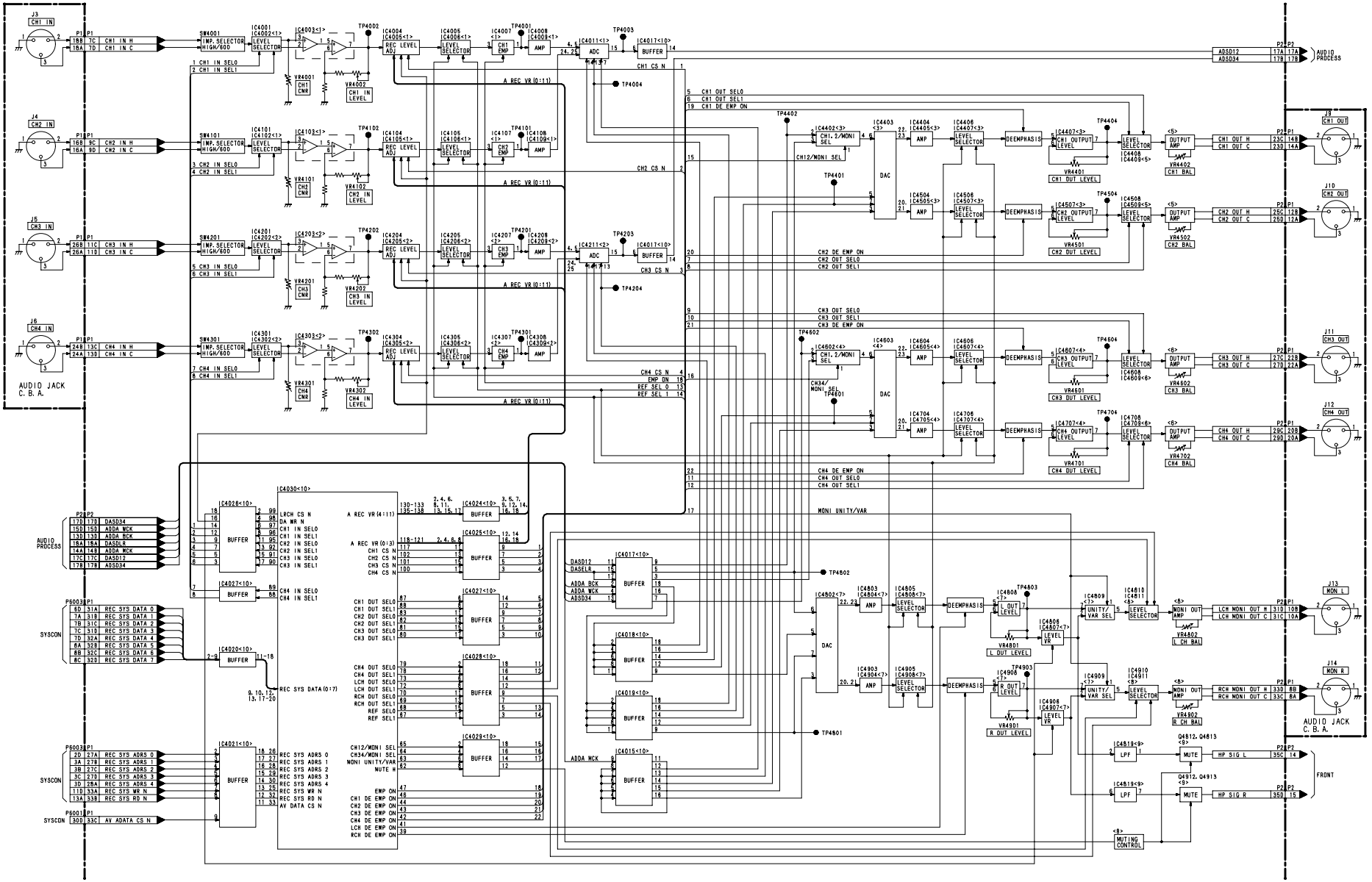
A PROC BLOCK DIAGRAM



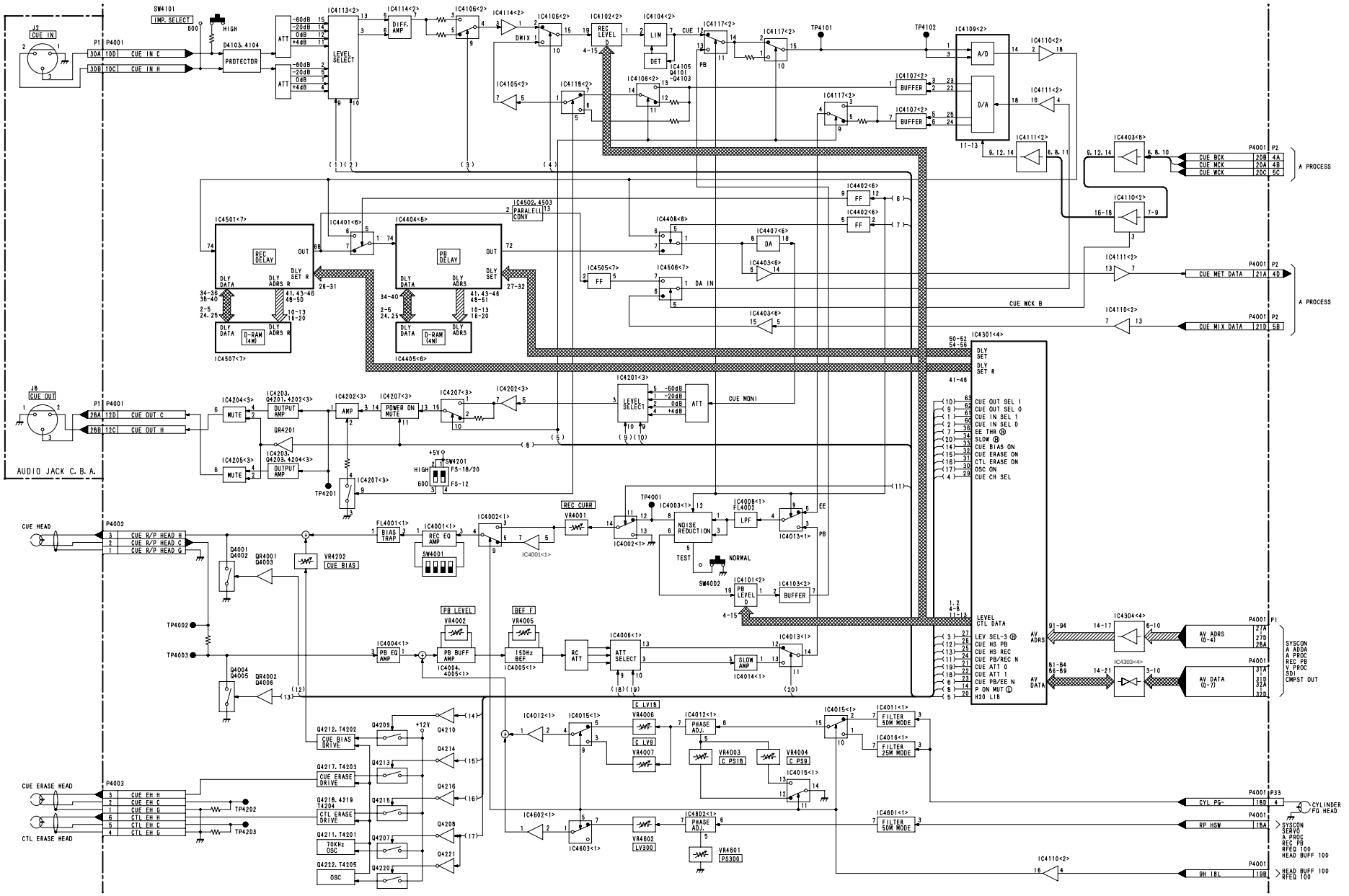
A PROC (U/D CON I/F) BLOCK DIAGRAM



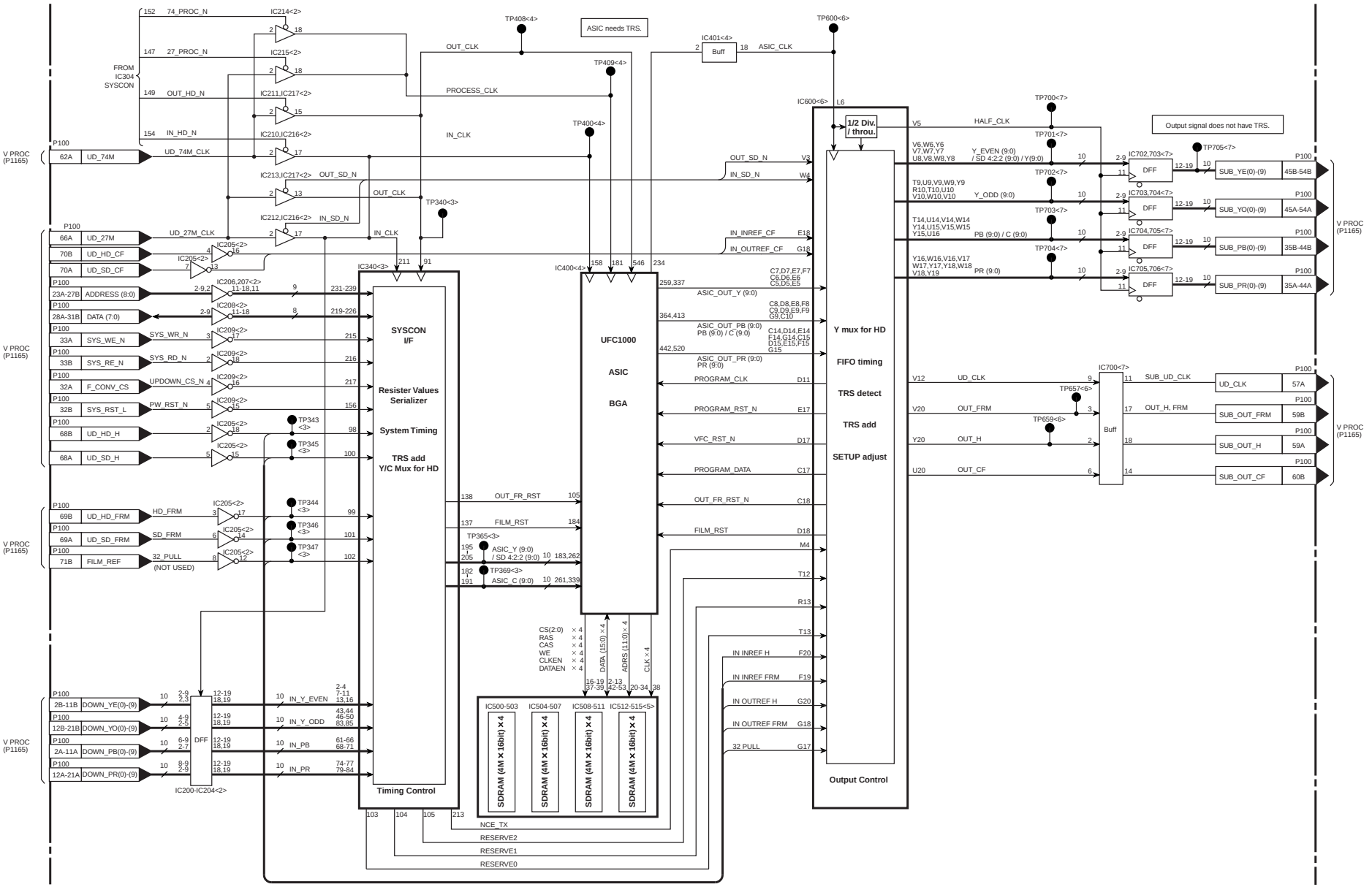
A ADDA BLOCK DIAGRAM



CUE BLOCK DIAGRAM

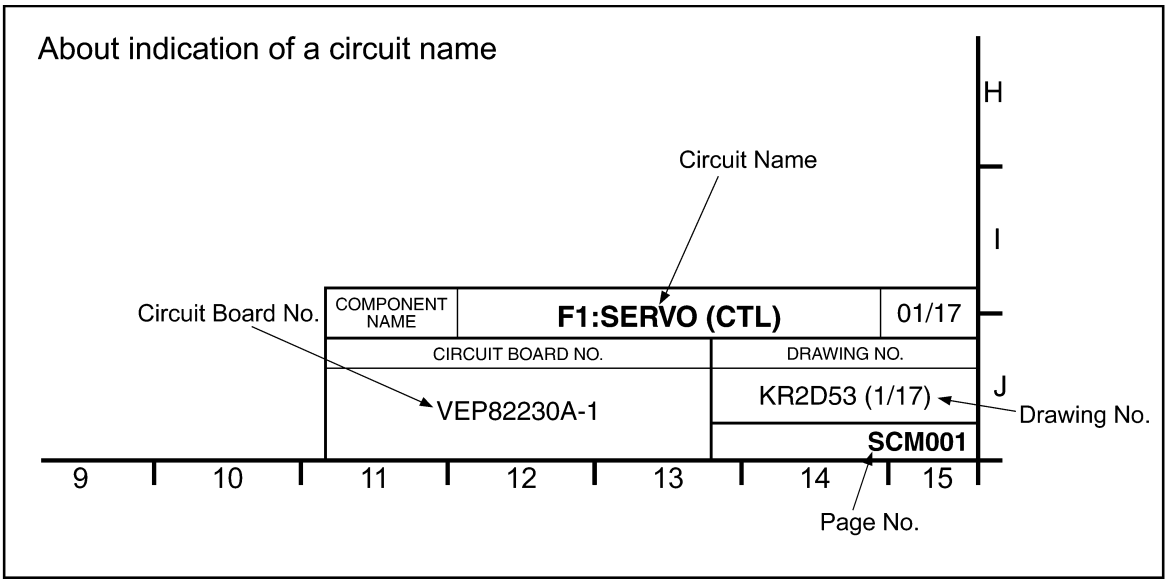


UP/ DOWN CONVERTER BLOCK DIAGRAM



SECTION 6

SCHEMATIC DIAGRAMS



NOTE:
BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 8

CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

CONTENTS

F1 : A ADDA

A ADDA (1/11) SCM001
A ADDA (2/11) SCM002
A ADDA (3/11) SCM003
A ADDA (4/11) SCM004
A ADDA (5/11) SCM005
A ADDA (6/11) SCM006
A ADDA (7/11) SCM007
A ADDA (8/11) SCM008
A ADDA (9/11) SCM009
A ADDA (10/11) SCM010
A ADDA (11/11) SCM011

F2 : APROC UDI

CONNECTOR (1/13) SCM012
APROC_ACNT (2/13) SCM013
APROC_JOG (3/13) SCM014
APROC_REC_PLD (4/13) SCM015
APROC_PB_PLD (5/13) SCM016
APROC_MONIMIX (6/13) SCM017
APROC_LPF (7/13) SCM018
APROC_CONF_DEV (8/13) SCM019
VIDEO I/F (9/13) SCM020
REC_PROCESS (10/13) SCM021
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PB_PROCESS (12/13) SCM023
LCD_OUTPUT (13/13) SCM024

F3 : SDI

SDI (1/18) SCM025
POWER_CLK (2/18) SCM026
FPGA_CONFIG (3/18) SCM027
SYS_IF (4/18) SCM028
HD_SDI_IN (5/18) SCM029
HD_ROUNDING (6/18) SCM030
INT_SG (7/18) SCM031
SDI_REC (8/18) SCM032
VANC (9/18) SCM033
DOWNCON (10/18) SCM034
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HD_CHAR (12/18) SCM036
HD_SDI_OUT (13/18) SCM037
SD_PB (14/18) SCM038
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SD_FORMAT_CONV (16/18) SCM040
SD_CHAR (17/18) SCM041
SD_SDI_OUT (18/18) SCM042

F4 : V PROC

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SYS_IF (2/19) SCM044
SYNC_SEP (3/19) SCM045
SD_REF (4/19) SCM046
REF_PLL (5/19) SCM047
SGEN (6/19) SCM048
HD_PLL (7/19) SCM049
SD_PLL (8/19) SCM050
REF_OUT (9/19) SCM051
DATA_IN (10/19) SCM052
SLOW_CTRL (11/19) SCM053
SLOW_MEM (12/19) SCM054
VLPF (13/19) SCM055
DLY2V_CTRL (14/19) SCM056
DLY2V_MEM (15/19) SCM057
VPROC_MAIN (16/19) SCM058
VPROC_SUB (17/19) SCM059
UPDOWN_CONV (18/19) SCM060
DATA_OUT (19/19) SCM061

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REC_PREP100 (4/17) SCM065
REC_COMP100_L/R (5/17) SCM066
REC_MUX (6/17) SCM067
PB_COMP100_MAIN_L (7/17) SCM068
PB_COMP100_MAIN_R (8/17) SCM069
PB_COMP100_SUB_L/R (9/17) SCM070
PB_PREP100_MAIN (10/17) SCM071
PB_PREP100_SUB (11/17) SCM072
PB_PREP50_MAIN (12/17) SCM073
PB_PRE50_SUB (13/17) SCM074
SLOW_CTRL (14/17) SCM075
DELAY_CTRL (15/17) SCM076
VBLK (16/17) SCM077
SUB_CONNECTOR (17/17) SCM078

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MECHA_IF (2/21) SCM080
SDL_DRV (3/21) SCM081
SYSCON (4/21) SCM082
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I/F (7/21) SCM085
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I/F (9/21) SCM087
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AV_FLASH (11/21) SCM089
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SYSCON (14/21) SCM092
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AV_CPU (16/21) SCM094
PLD_IF (17/21) SCM095
AV_TC (18/21) SCM096
HI_DV_PRT (19/21) SCM097
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3V BUFF (21/21) SCM099

F7 : SERVO

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CAP_FG (2/16) SCM101
SRL_FG (3/16) SCM102
TRL_FG (4/16) SCM103
CYL_FG_PG (5/16) SCM104
CPU (6/16) SCM105
PLD (7/16) SCM106
CPU_IF (8/16) SCM107
POWER (9/16) SCM108
SW_REG (10/16) SCM109
CA_CY_DRV (11/16) SCM110
SEL_DRV (12/16) SCM111
TRL_DRV (13/16) SCM112
SERVO (14/16) SCM113
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SYS I/F (2/6) SCM117
COMB (3/6) SCM118
BLANK ENV (4/6) SCM119
D ENCODER (5/6) SCM120
SDI CONNECTOR (6/6) SCM121

H3 : CUE

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CUE (2/7) SCM123
CUE (3/7) SCM124
CUE (4/7) SCM125
CUE (5/7) SCM126
CUE (6/7) SCM127
CUE (7/7) SCM128

H4/5 : RFEQ
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PreEQ CONF, S-CONF (3/15) SCM131
PreEQ RP, DV (4/15) SCM132
PreEQ SLOW (5/15) SCM133
ATF LPF (6/15) SCM134
EQ LSI CONF (7/15) SCM135
EQLSI S-CONF (8/15) SCM136
EQLSI RP (9/15) SCM137
EQLSI DV (10/15) SCM138
EQLSI SLOW13 (11/15) SCM139
EQLSI SLOW24 (12/15) SCM140
PLD (13/15) SCM141
POWER (14/15) SCM142
CONNECTOR (15/15) SCM143

MOTHER
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A_PROC (2/16) SCM145
SDI (3/16) SCM146
V_ROC/S_GEN (4/16) SCM147
REC_PB (5/16) SCM148
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CUE (10/16) SCM153
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RFEQ_R (12/16) SCM155
HEAD_BUFF (13/16) SCM156
others (14/16) SCM157
others (15/16) SCM158
H_BUFF (16/16) SCM159

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MECHA I/F (2/4) SCM161
MECHA I/F (3/4) SCM162
MECHA I/F (4/4) SCM163

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REC AMP Rch (2/13) SCM165
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PREAMP S_CONF12 (4/13) SCM167
PREAMP RP12 (5/13) SCM168
PREAMP SLOW13 (6/13) SCM169
PREAMP SLOW24 (7/13) SCM170
FE (8/13) SCM171
EVR Lch (9/13) SCM172
EVR Rch (10/13) SCM173
POW SAVE (11/13) SCM174
POWER, CTRL (12/13) SCM175
CONNECTOR (13/13) SCM176

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SDI TX
ENC (1/2) SCM180
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REC_SEARCH (5/12) SCM186
EE2 (6/12) SCM187
PB_ECC_L (7/12) SCM188
PB_ECC_R (8/12) SCM189
ECC_SUB (9/12) SCM190
PB_SEARCH (10/12) SCM191
PB_MUX (11/12) SCM192
RF_I/F (12/12) SCM193

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PIO (2/5) SCM195
DIAL/AD (3/5) SCM196
CONNECTOR (4/5) SCM197
MEMORY CARD (5/5) SCM198

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FRONT CPU SUB (1/1) SCM199

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LED (2/4) SCM201
SW (3/4) SCM202
VFD (4/4) SCM203

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REAR JACK (1/2) SCM204
REAR JACK (2/2) SCM205

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POWER 1 (1/1) SCM206

POWER 2
POWER 2 (1/2) SCM207
POWER 2 (2/2) SCM208

POWER PACK
POWER PACK (1/1) SCM209

AUDIO JACK
AUDIO JACK (1/1) SCM210

AES/EBU
AES/EBU (1/1) SCM211

UP FRONT 1
UP FRONT 1 (1/1) SCM212

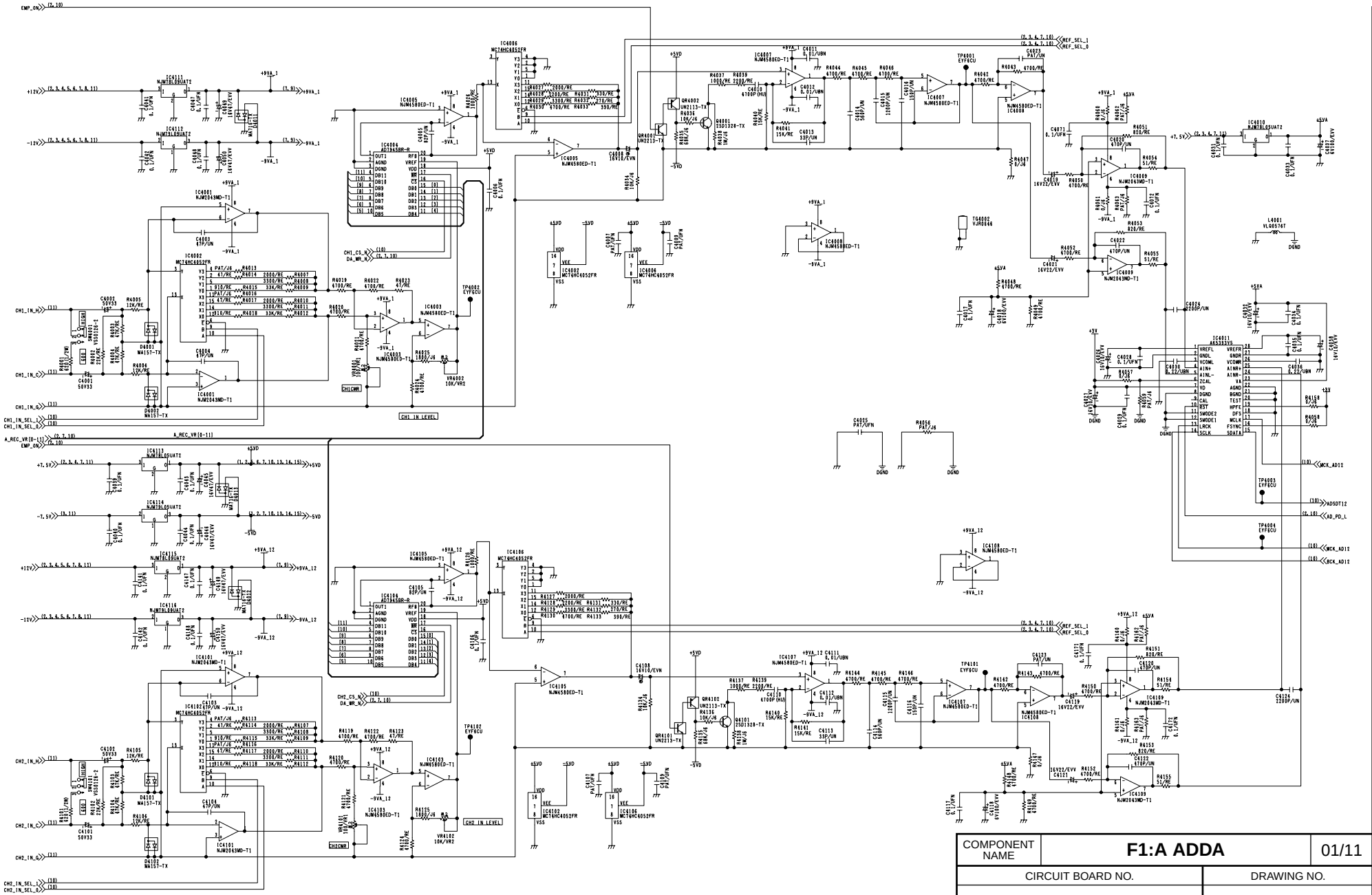
UP FRONT 2
UP FRONT 2 (1/1) SCM213

CARRIGE
CARRIGE (1/1) SCM214

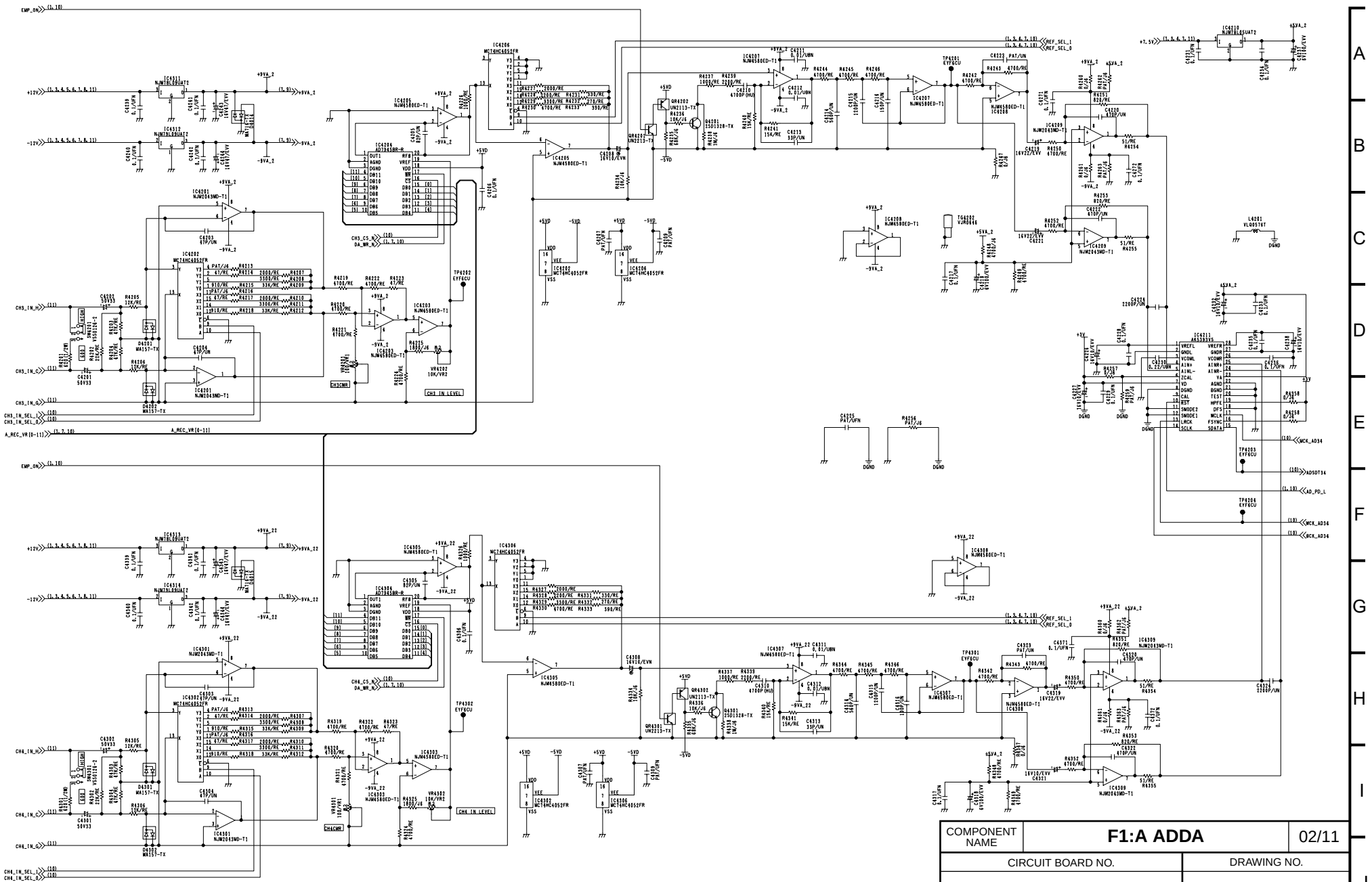
FRONT VR 1
FRONT VR 1 (1/1) SCM215

FRONT VR 2
FRONT VR 2 (1/1) SCM216

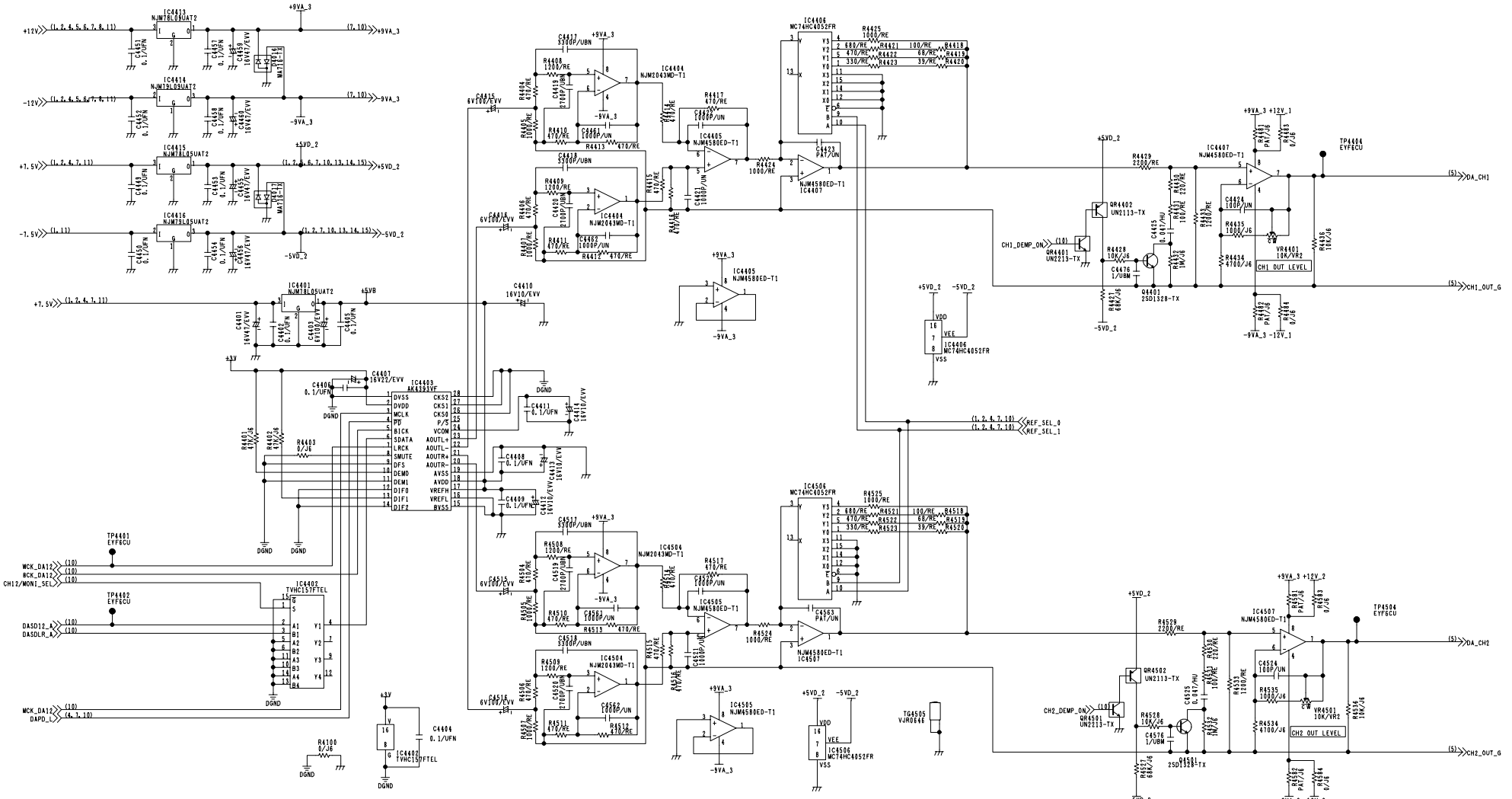
F4 SUB : UD CONV
CONNECTOR (1/7) SCM217
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UFC_ASIC (4/7) SCM220
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OUT_PROC (6/7) SCM222
OUT_BUFF (7/7) SCM223



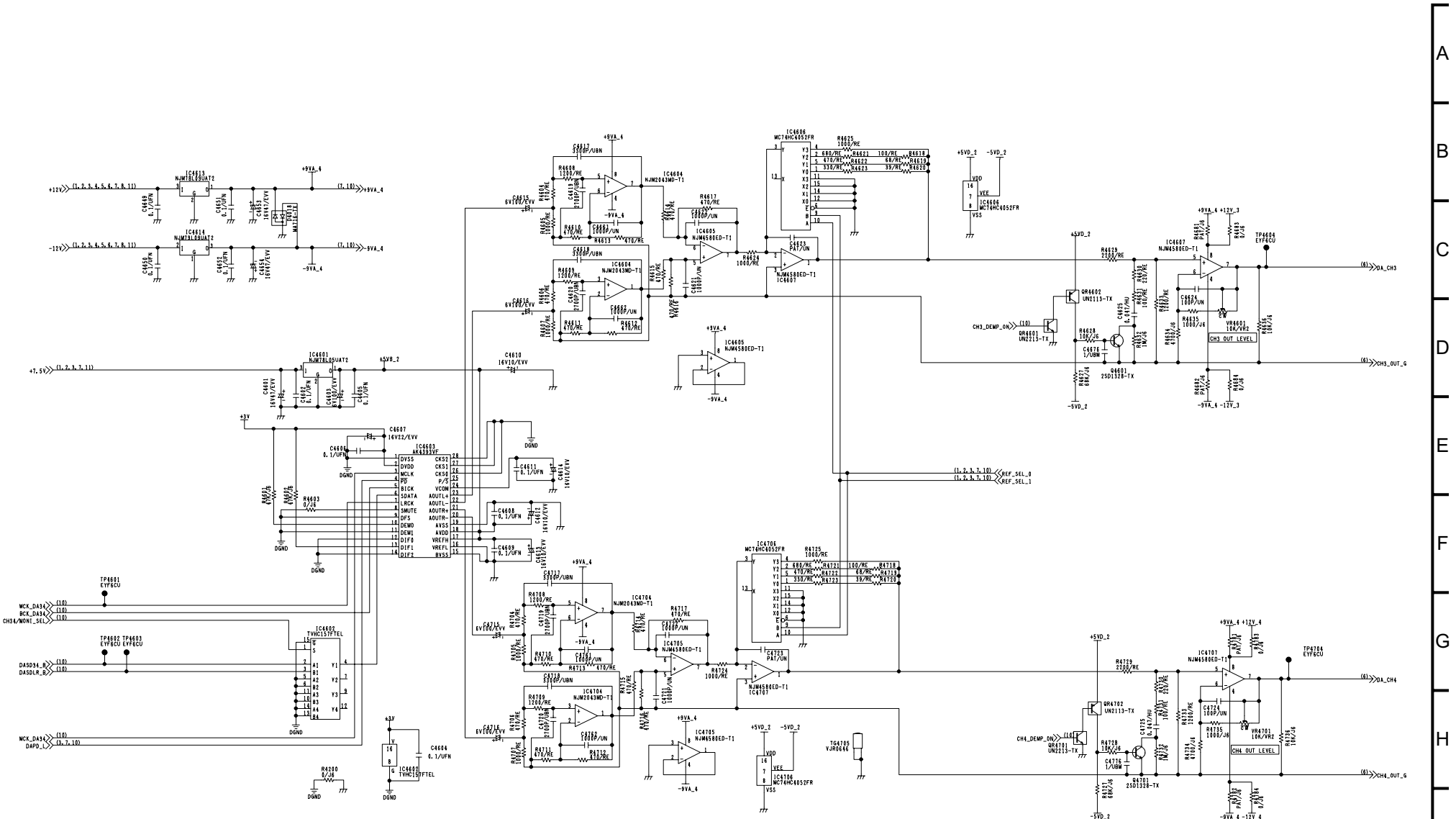
COMPONENT NAME	**F1:A ADDA**	01/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (1/11) (2)
		SCM001



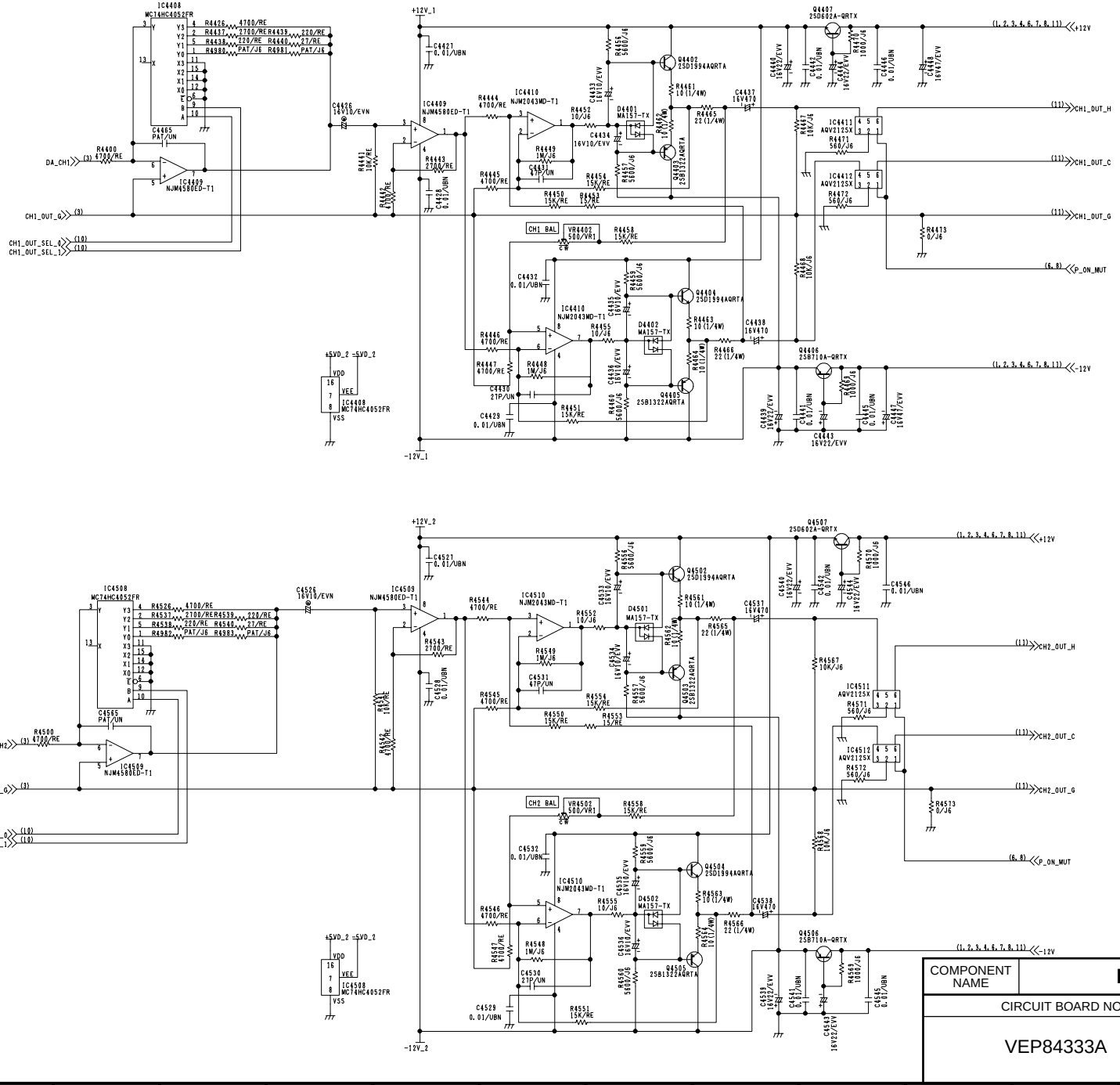
COMPONENT NAME	F1:A ADDA	02/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (2/11) (2)
		SCM002



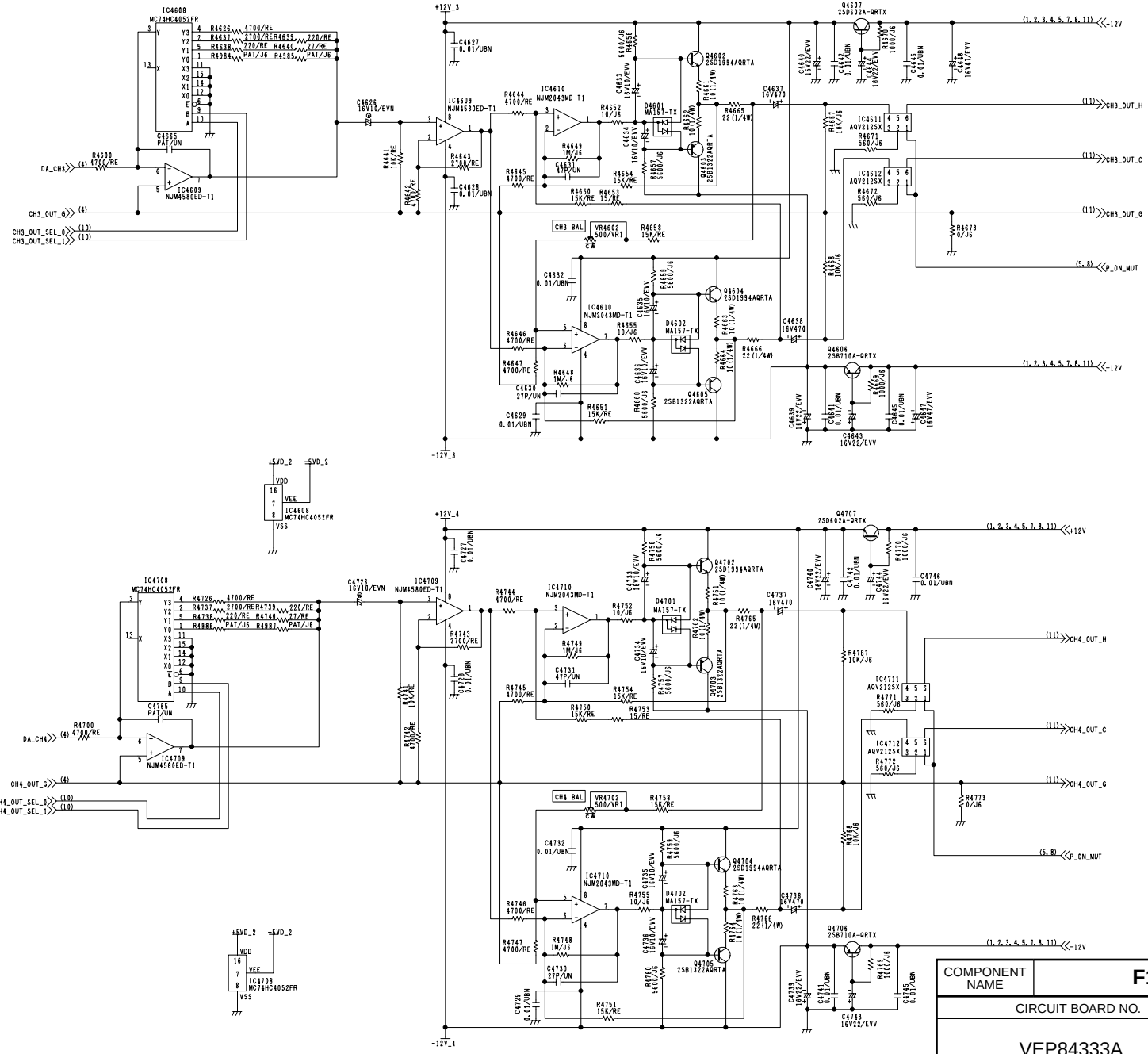
COMPONENT NAME	**F1:A ADDA**	03/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (3/11) (2)
		SCM003



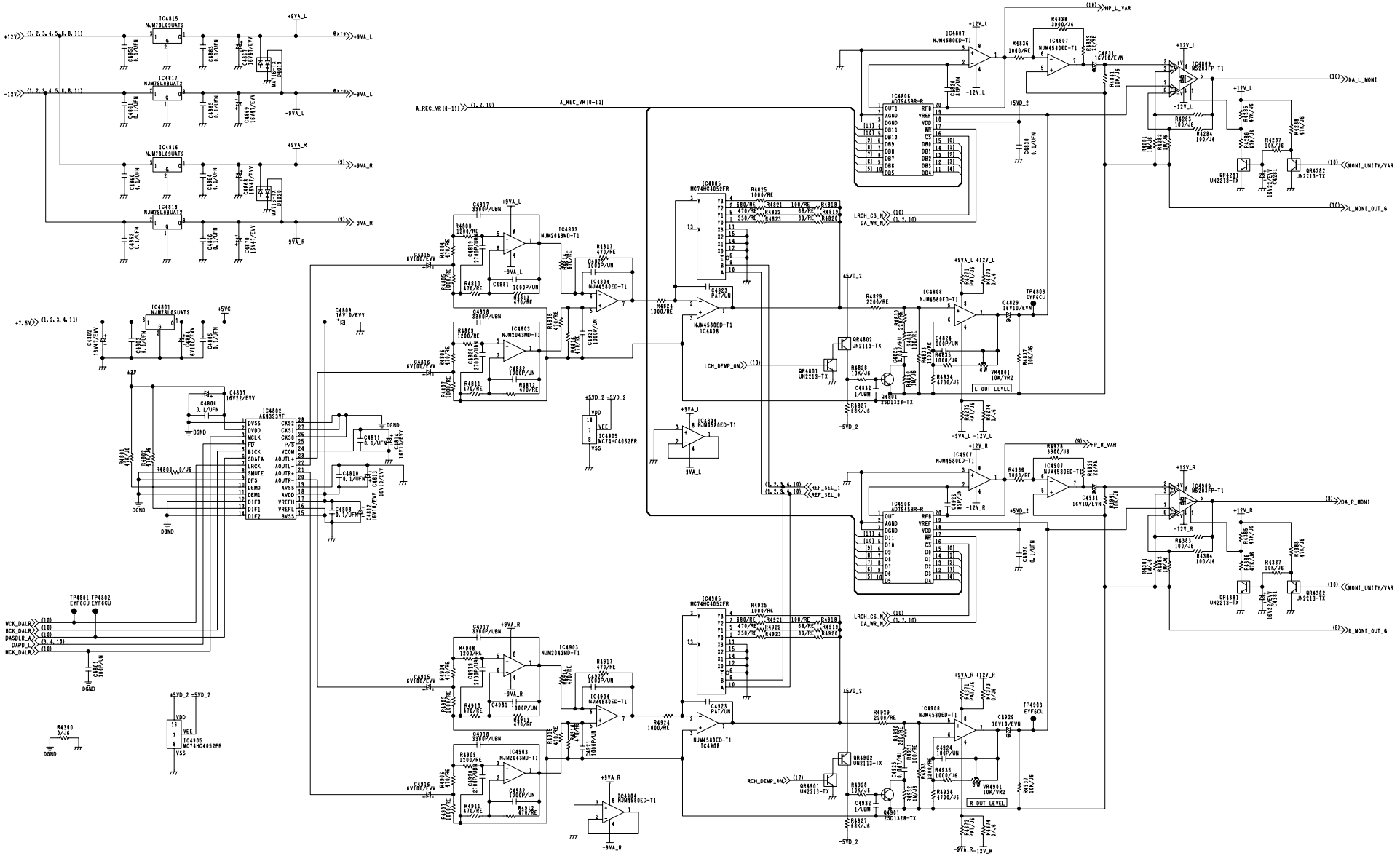
COMPONENT NAME	F1:A ADDA	04/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (4/11) (2)
		SCM004



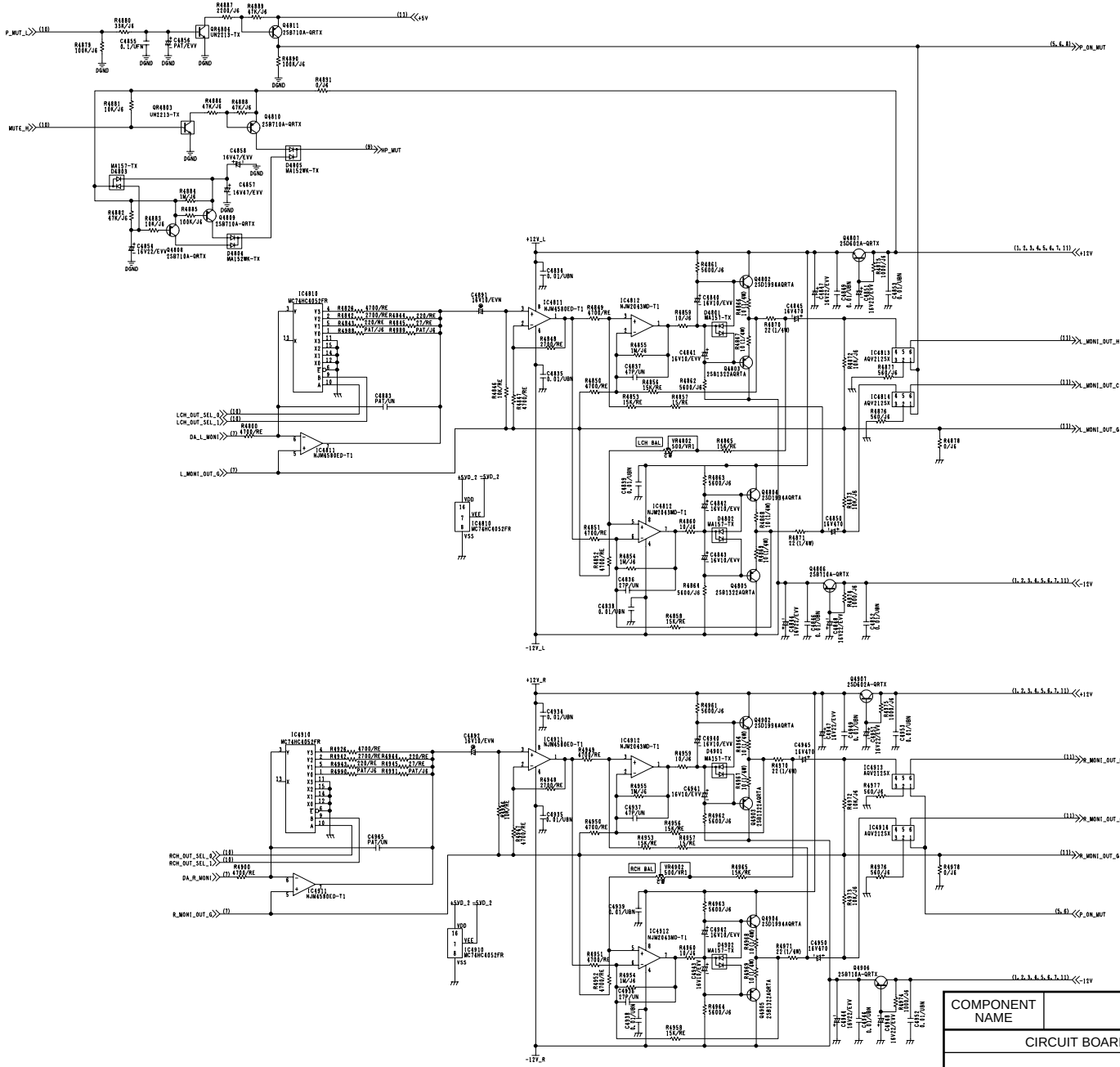
COMPONENT NAME	**F1:A ADDA**	05/11
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84333A	KR4H66 (5/11) (2)	
	SCM005	



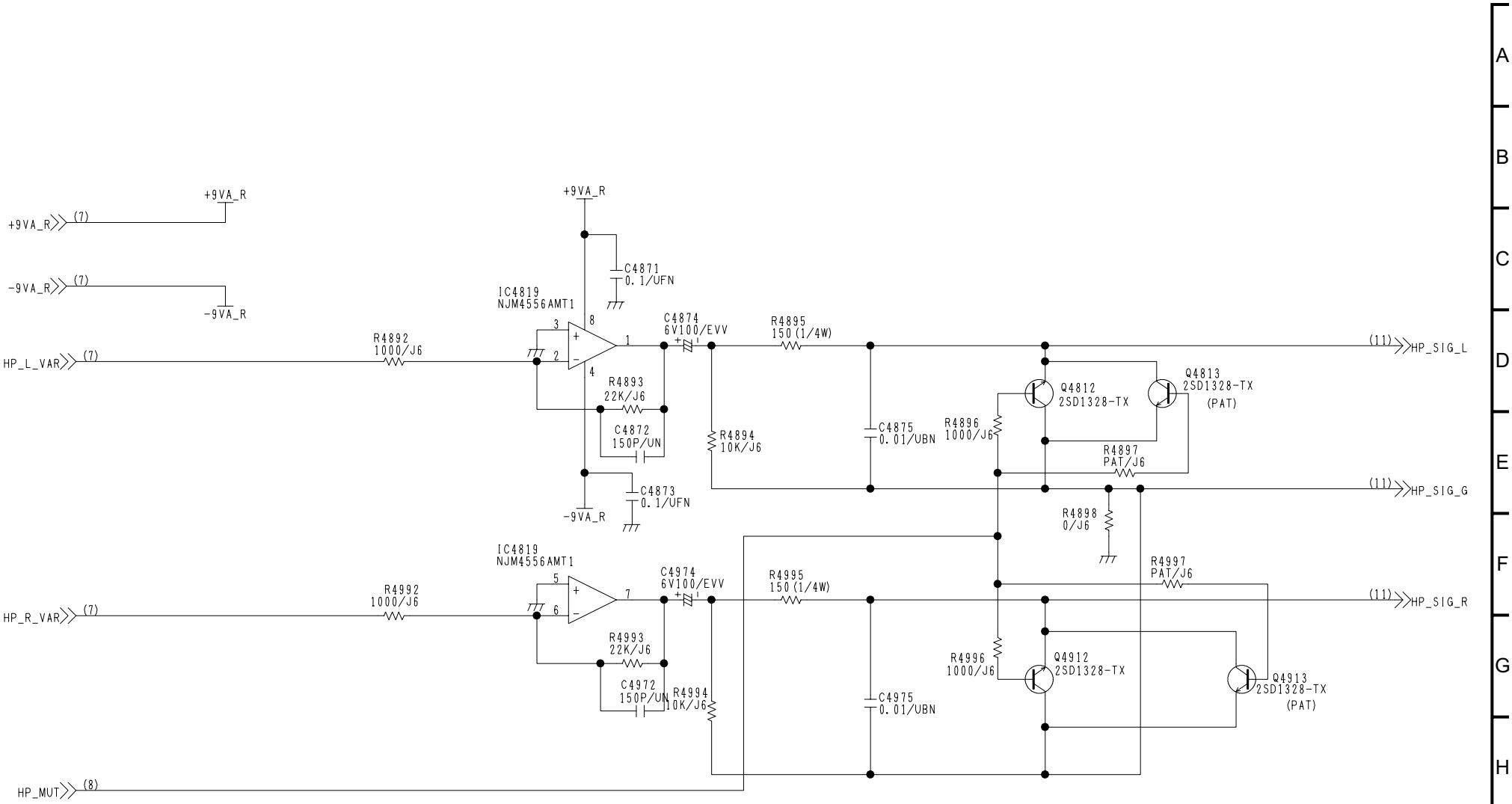
COMPONENT NAME	F1:A ADDA	06/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (6/11) (2)
		SCM006



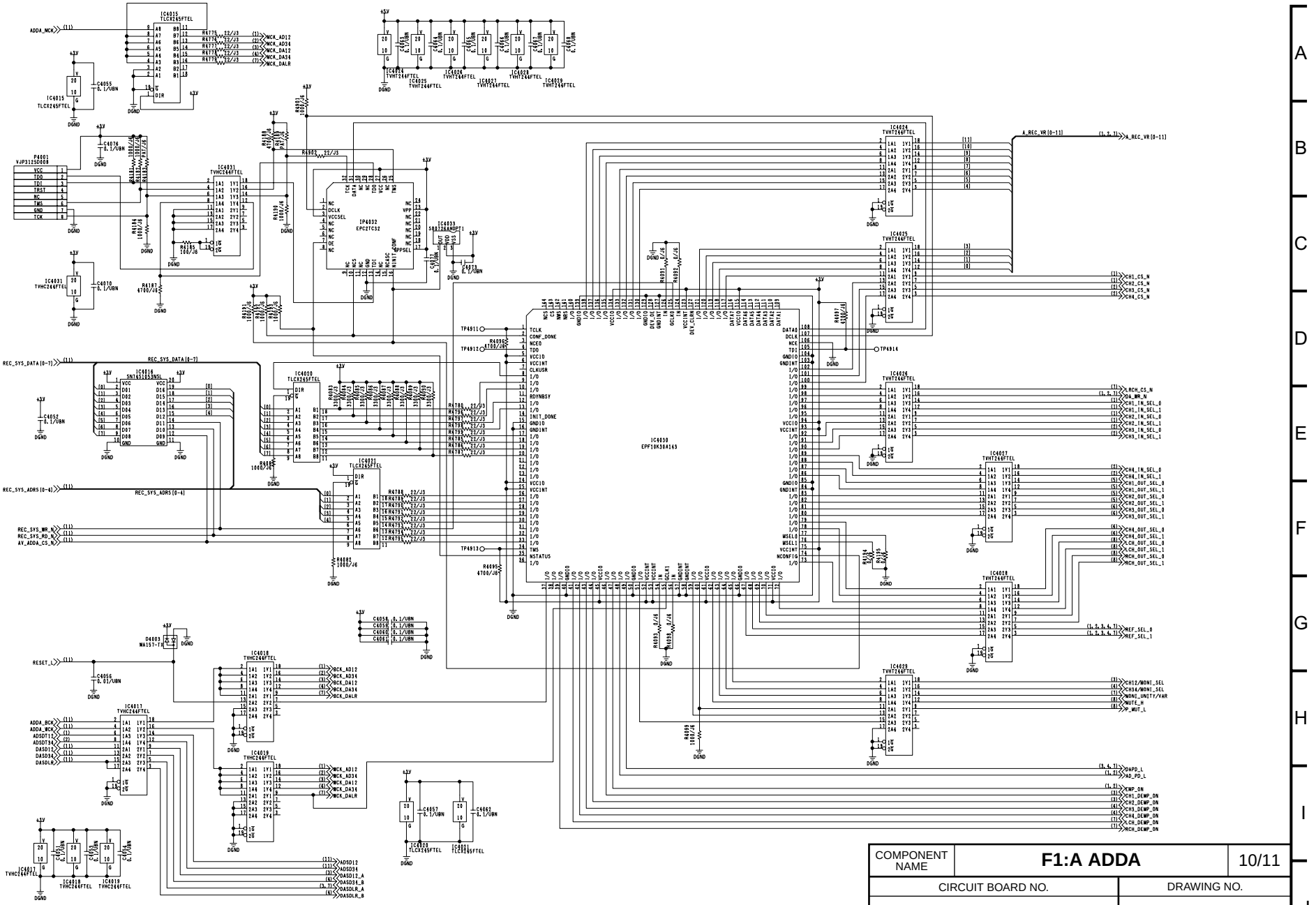
COMPONENT NAME	F1:A ADDA	07/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (7/11) (2)
		SCM007



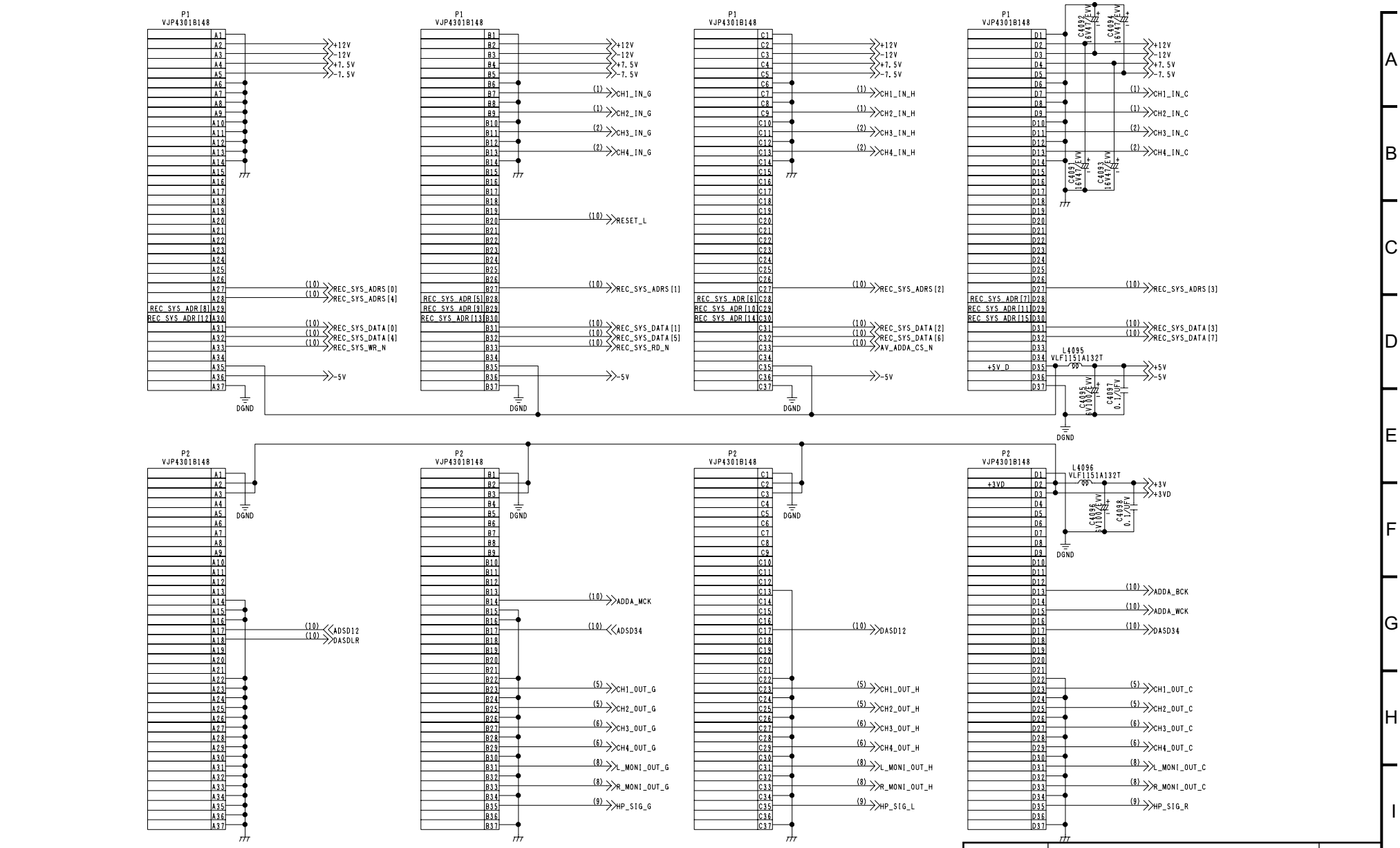
COMPONENT NAME	**F1:A ADDA**	08/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (8/11) (2)
		SCM008



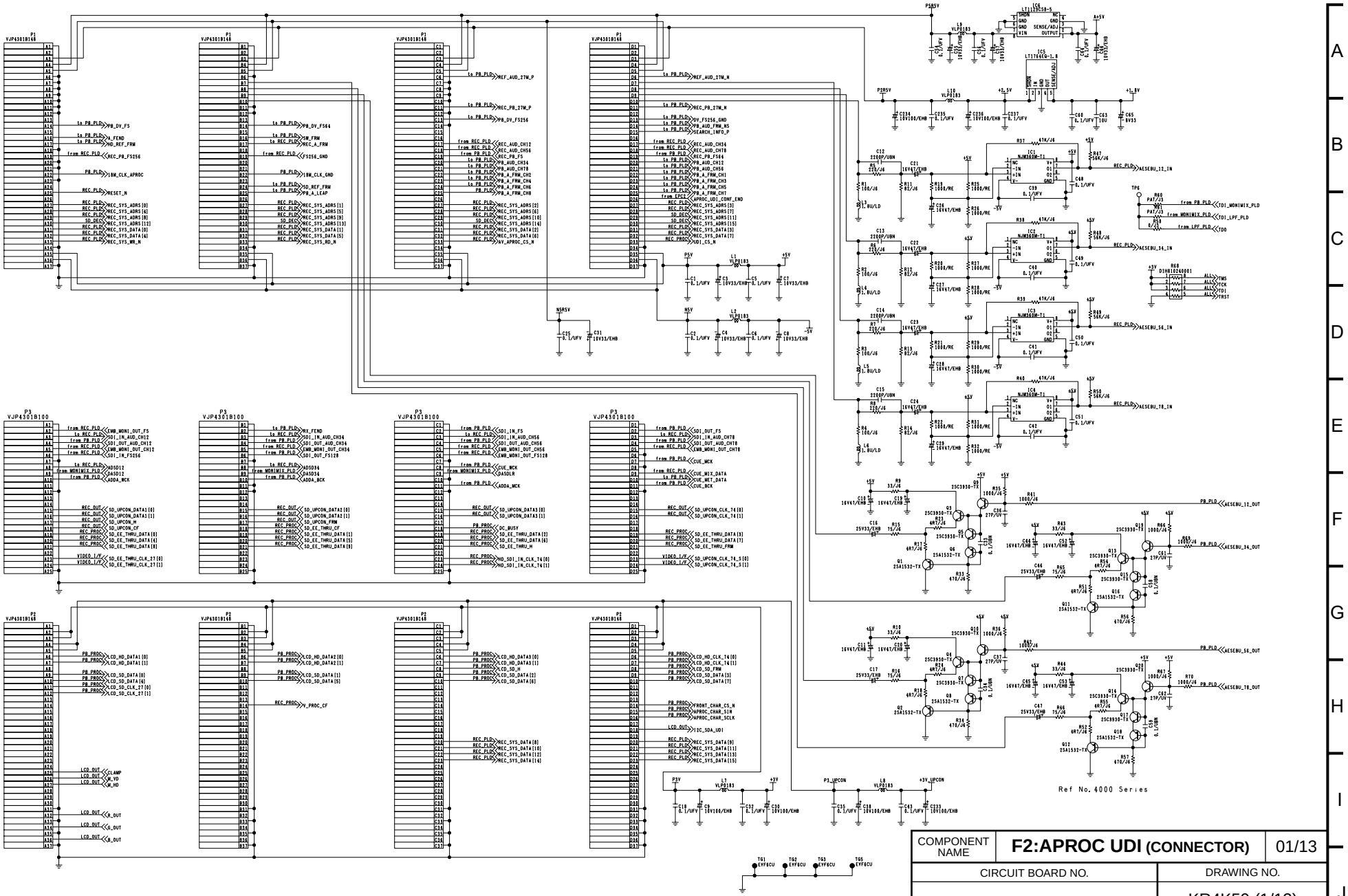
COMPONENT NAME	F1:A ADDA	09/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (9/11) (2)
		SCM009



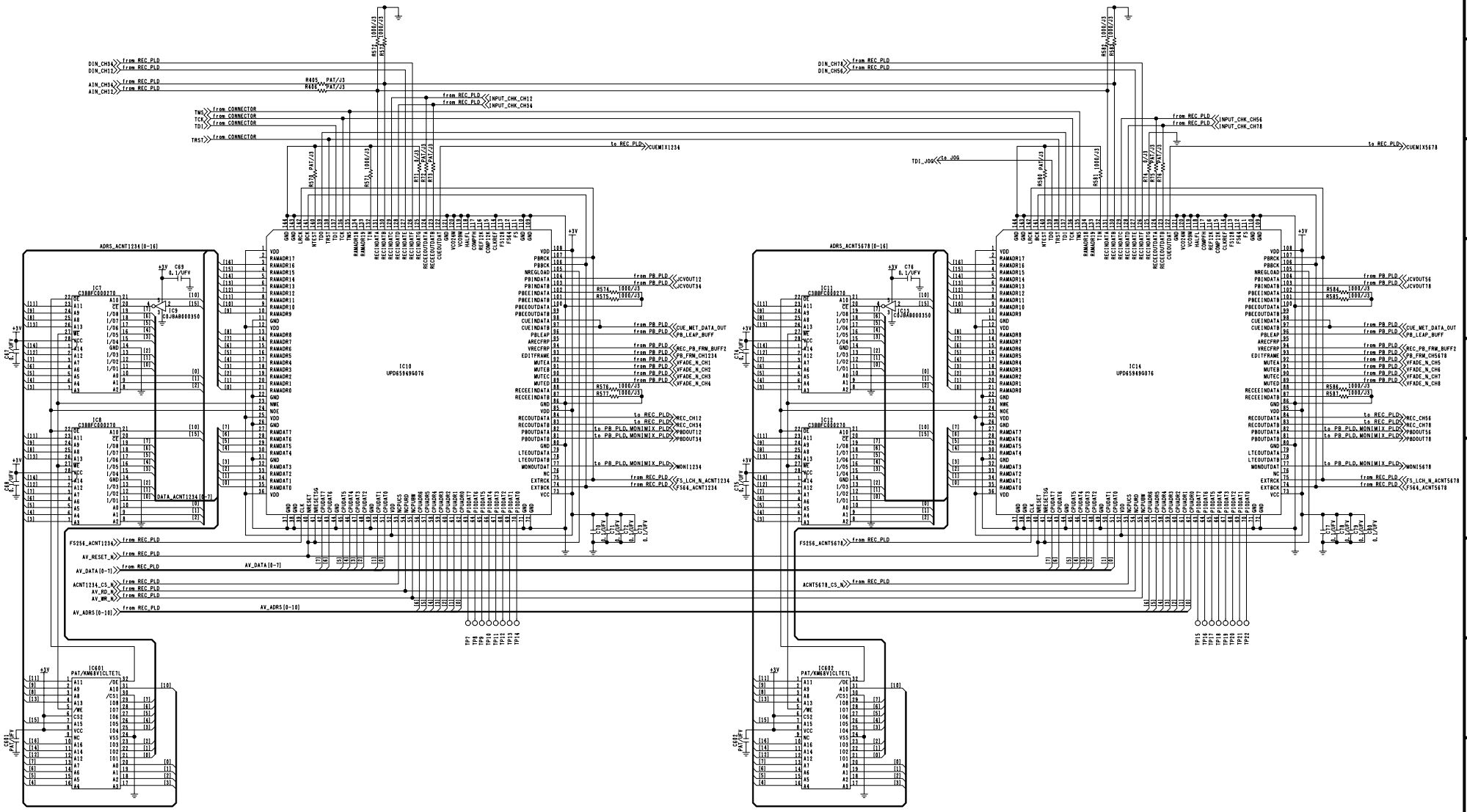
COMPONENT NAME	**F1:A ADDA**	10/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (10/11) (2)
		SCM010



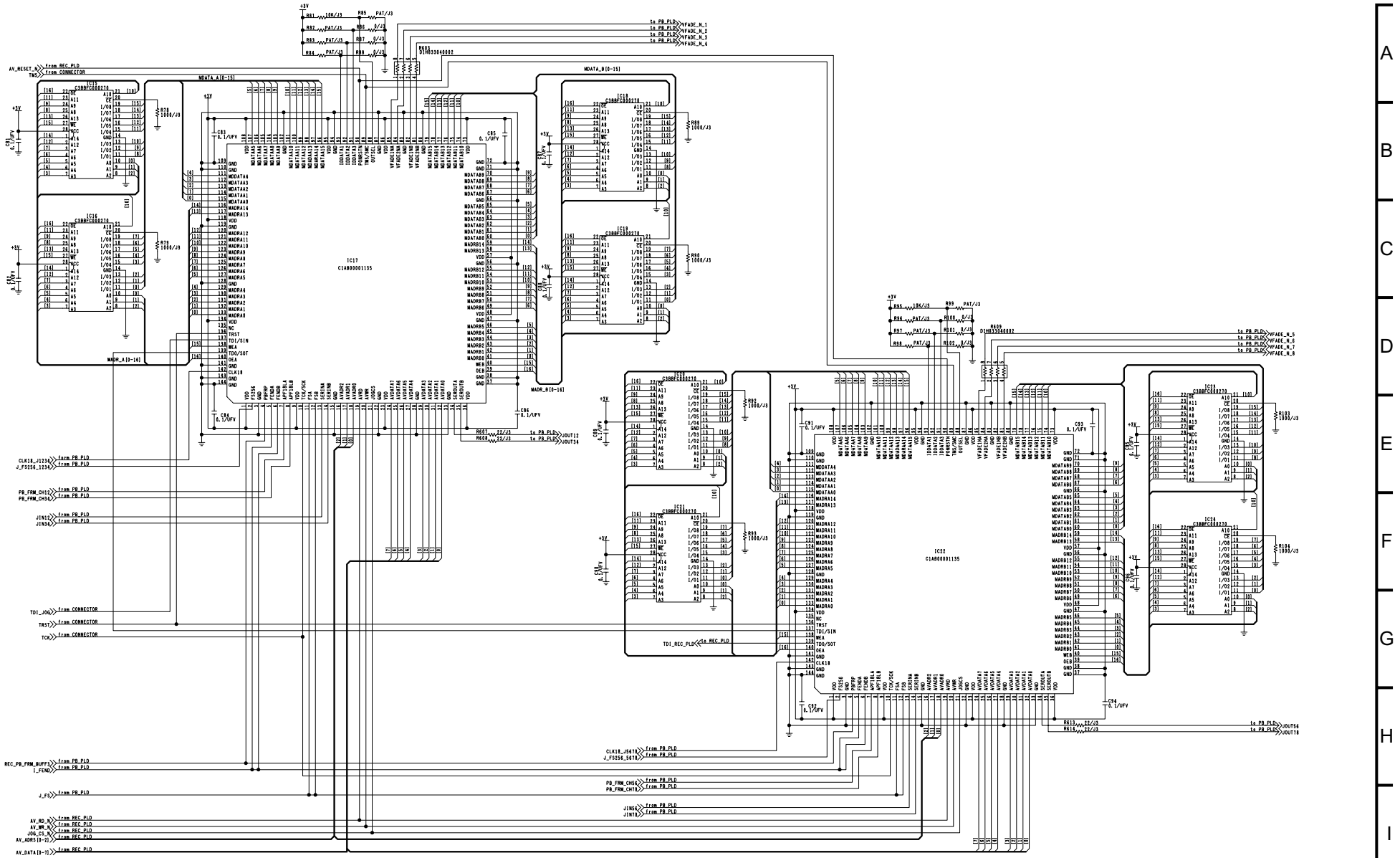
COMPONENT NAME	F1:A ADDA	11/11
CIRCUIT BOARD NO.		DRAWING NO.
VEP84333A		KR4H66 (11/11) (2)
		SCM011



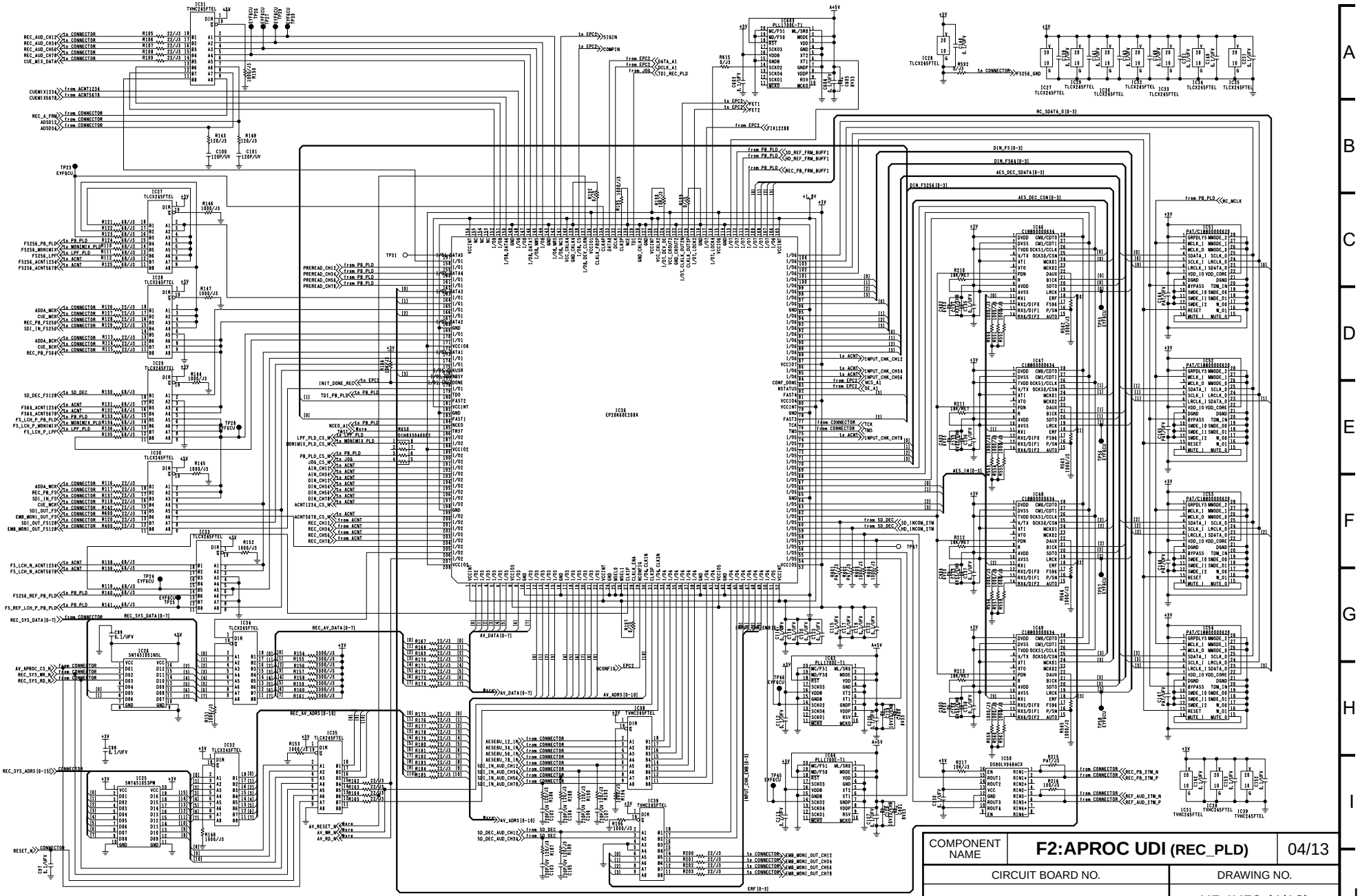
COMPONENT NAME	F2:APROC UDI (CONNECTOR)	01/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (1/13) (1)
		SCM012



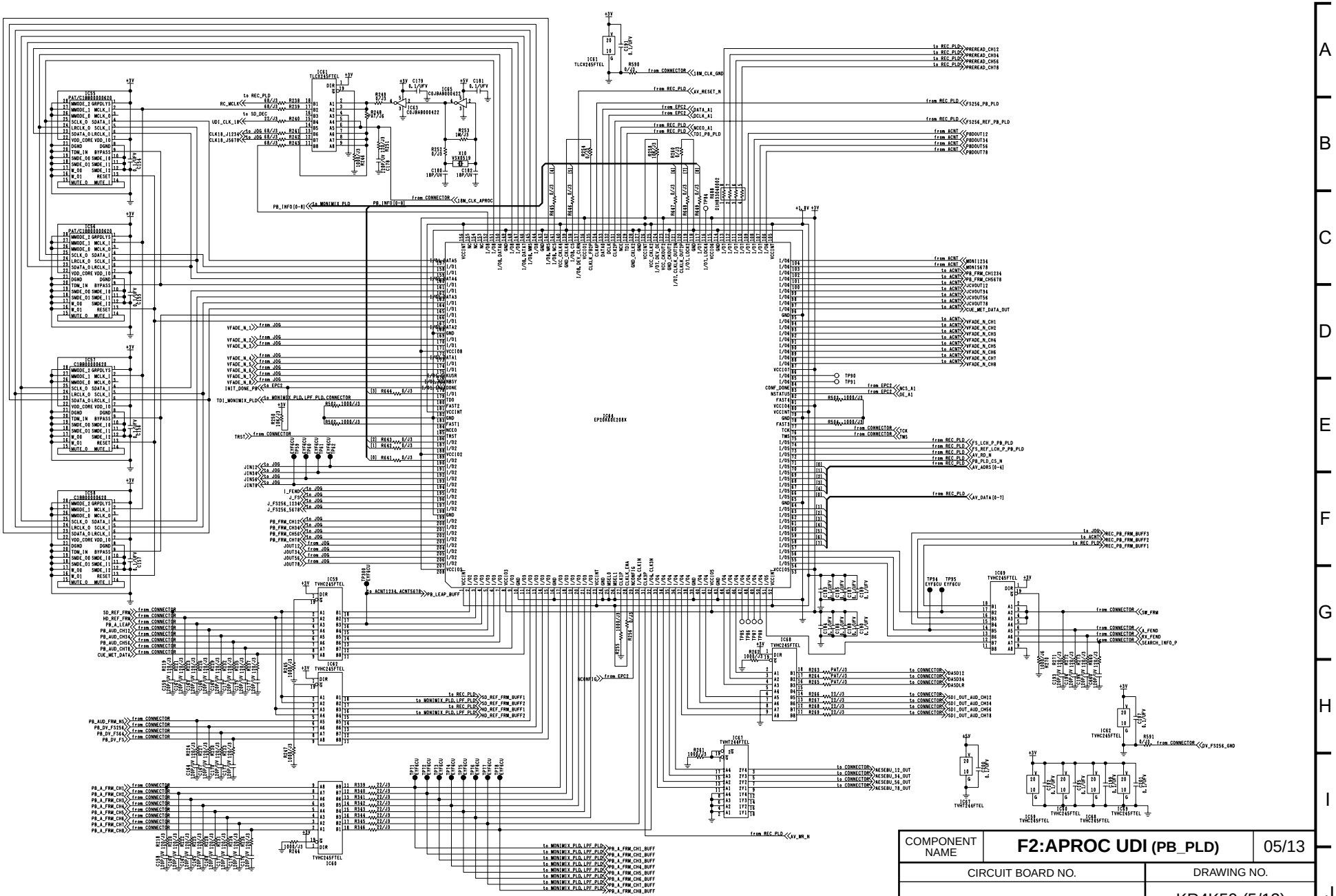
COMPONENT NAME	F2:APROC UDI (APROC_ACNT)	02/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (2/13) (1)
		SCM013



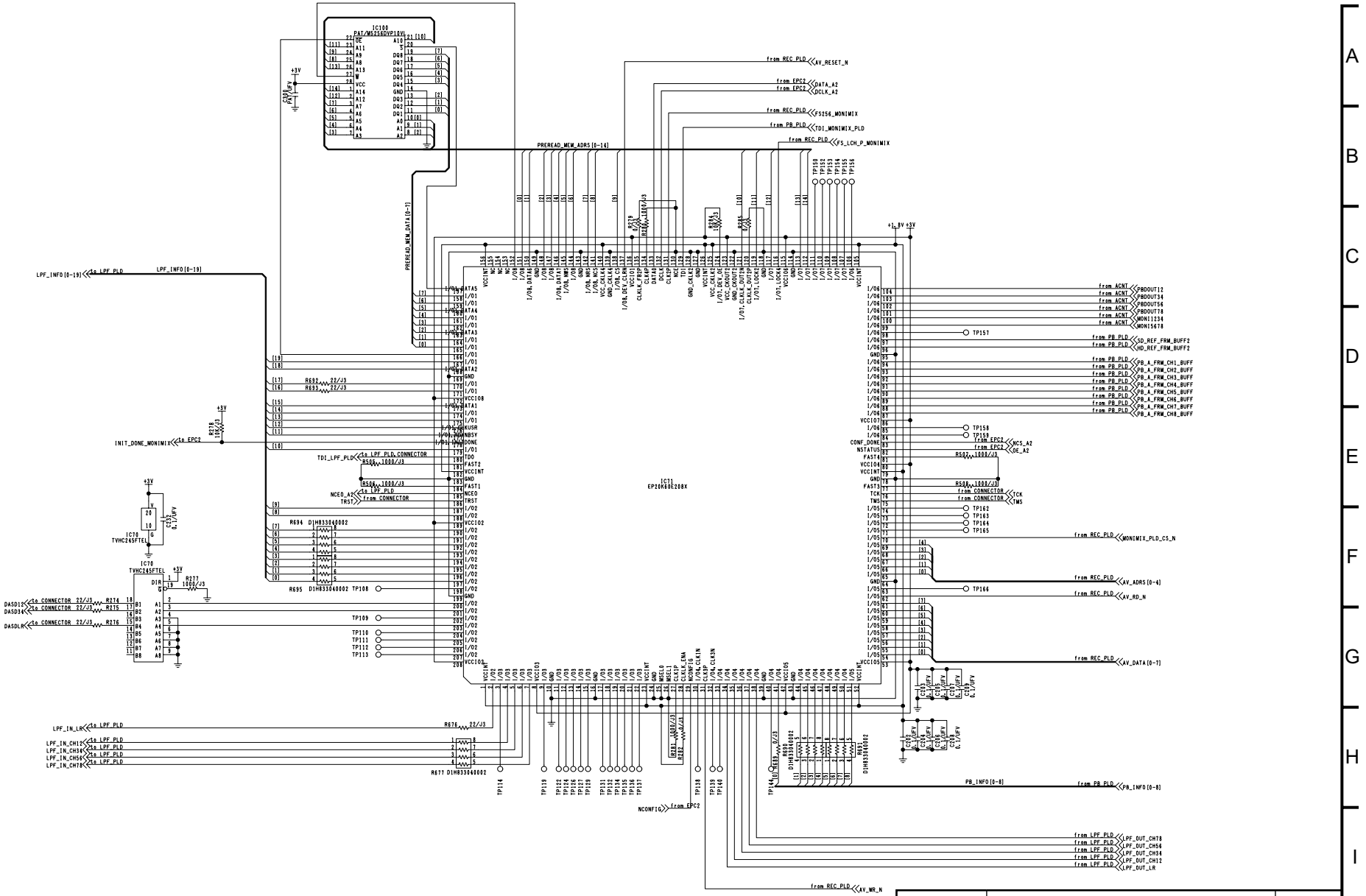
COMPONENT NAME	**F2:APROC UDI (APROC_JOG)**	03/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84378A	KR4K59 (3/13) (1)	
	SCM014	



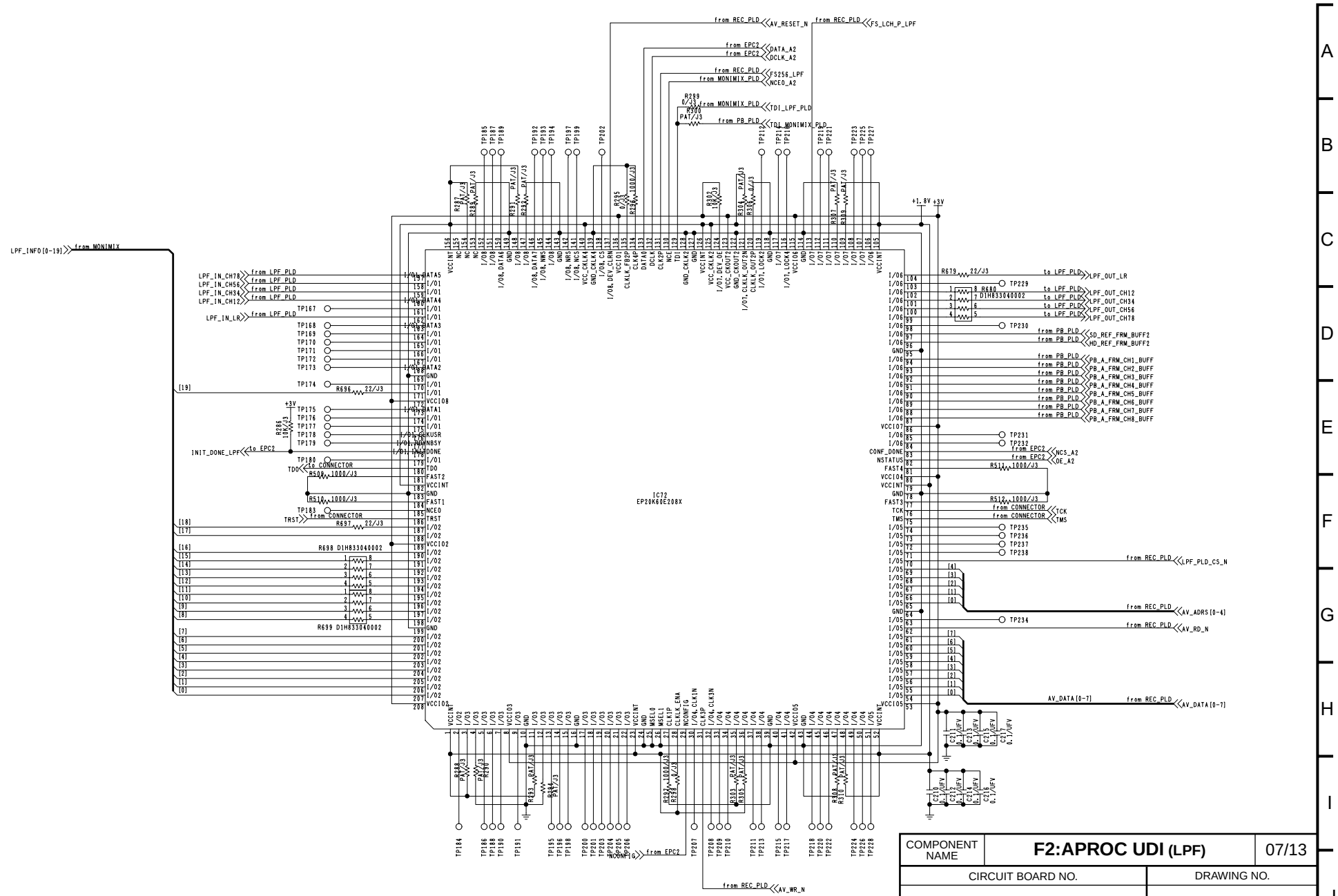
COMPONENT NAME	F2:APROC UDI (REC_PLD)	04/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (4/13) (1)
		SCM015

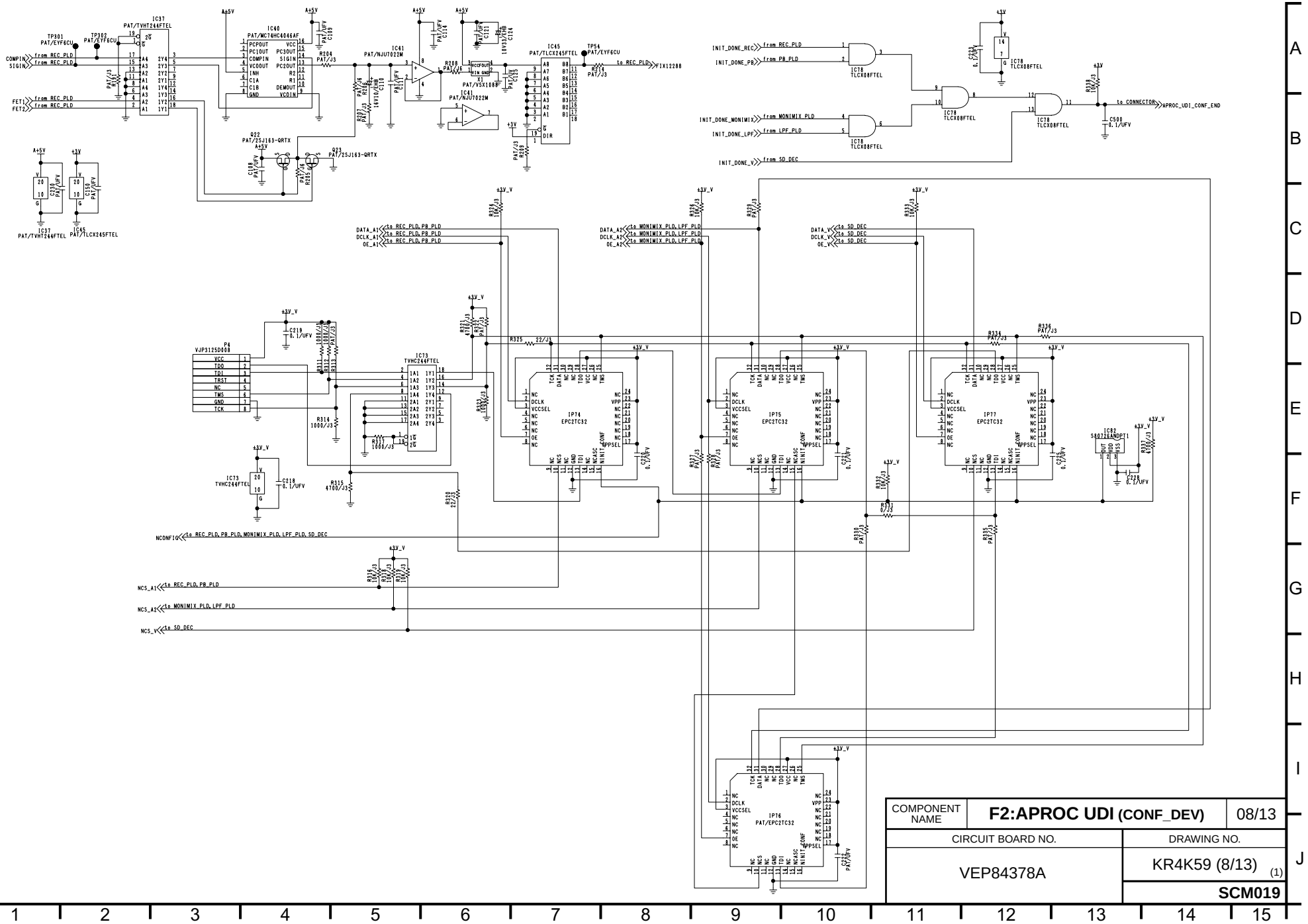


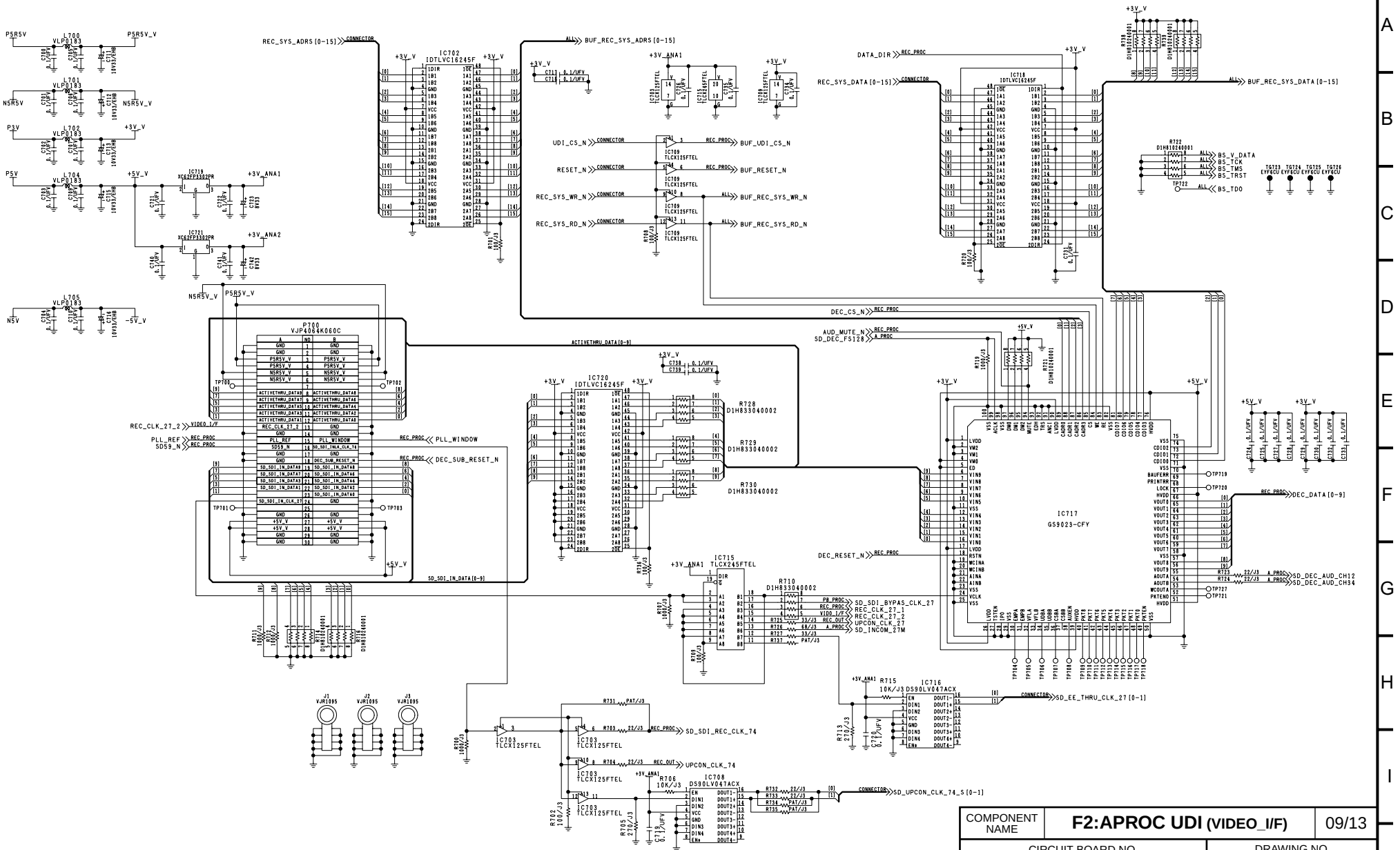
COMPONENT NAME	**F2:APROC UDI (PB_PLD)**	05/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (5/13) (1)
		SCM016



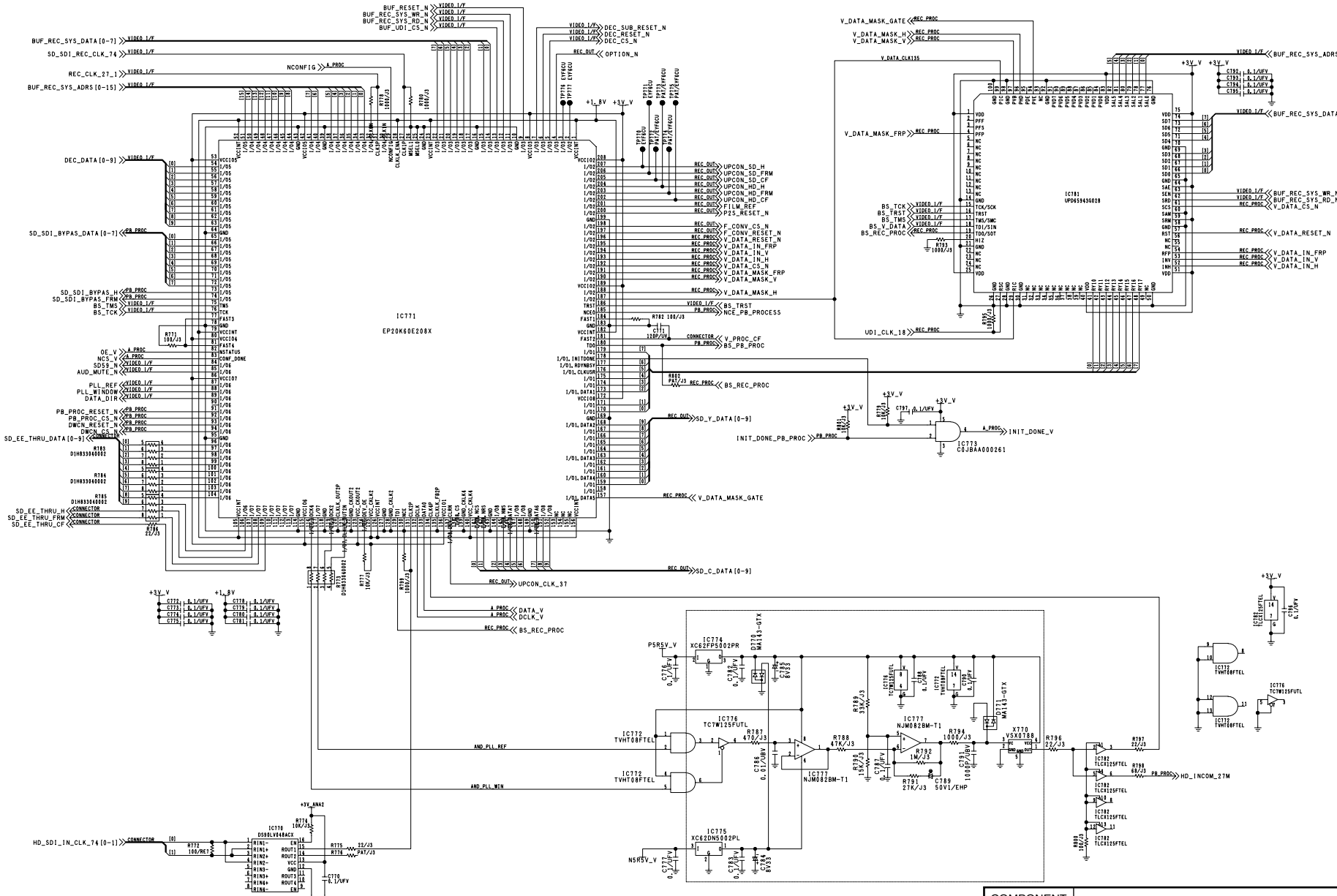
COMPONENT NAME	**F2:APROC UDI (MONIMIX)**	06/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84378A	KR4K59 (6/13) (1)	
	SCM017	


LPF_INFO[0-19]
from MONIMIX
IC72
EP20K60E208X
from REC_PLD
AV_RESET_N
FS_LCH_P_LPF
from EPC2
DATA_A2
DCLK_A2
FS256_LPF
NCEO_A2
from MONIMIX_PLD
TDI_LPF_PLD
TDI_MONIMIX_PLD
from PB_PLD
LPF_IN_CH78
LPF_IN_CH56
LPF_IN_CH34
LPF_IN_CH12
LPF_IN_LR
INIT_DONE_LPF
TDO
TRST
to CONNECTOR
from CONNECTOR
to LPF_PLD
LPF_OUT_LR
LPF_OUT_CH12
LPF_OUT_CH34
LPF_OUT_CH56
LPF_OUT_CH78
SD_REF_FRM_BUFF2
HD_REF_FRM_BUFF2
PB_A_FRM_CH1_BUFF
PB_A_FRM_CH2_BUFF
PB_A_FRM_CH3_BUFF
PB_A_FRM_CH4_BUFF
PB_A_FRM_CH5_BUFF
PB_A_FRM_CH6_BUFF
PB_A_FRM_CH7_BUFF
PB_A_FRM_CH8_BUFF
NCS_A2
OE_A2
TCK
TMS
LPF_PLD_CS_N
AV_ADRS[0-6]
AV_RD_N
AV_DATA[0-7]
AV_WR_N
NCONFIG
+1.8V
+3V
COMPONENT NAME
F2:APROC UDI (LPF)
07/13
CIRCUIT BOARD NO.
VEP84378A
DRAWING NO.
KR4K59 (7/13) (1)
SCM018

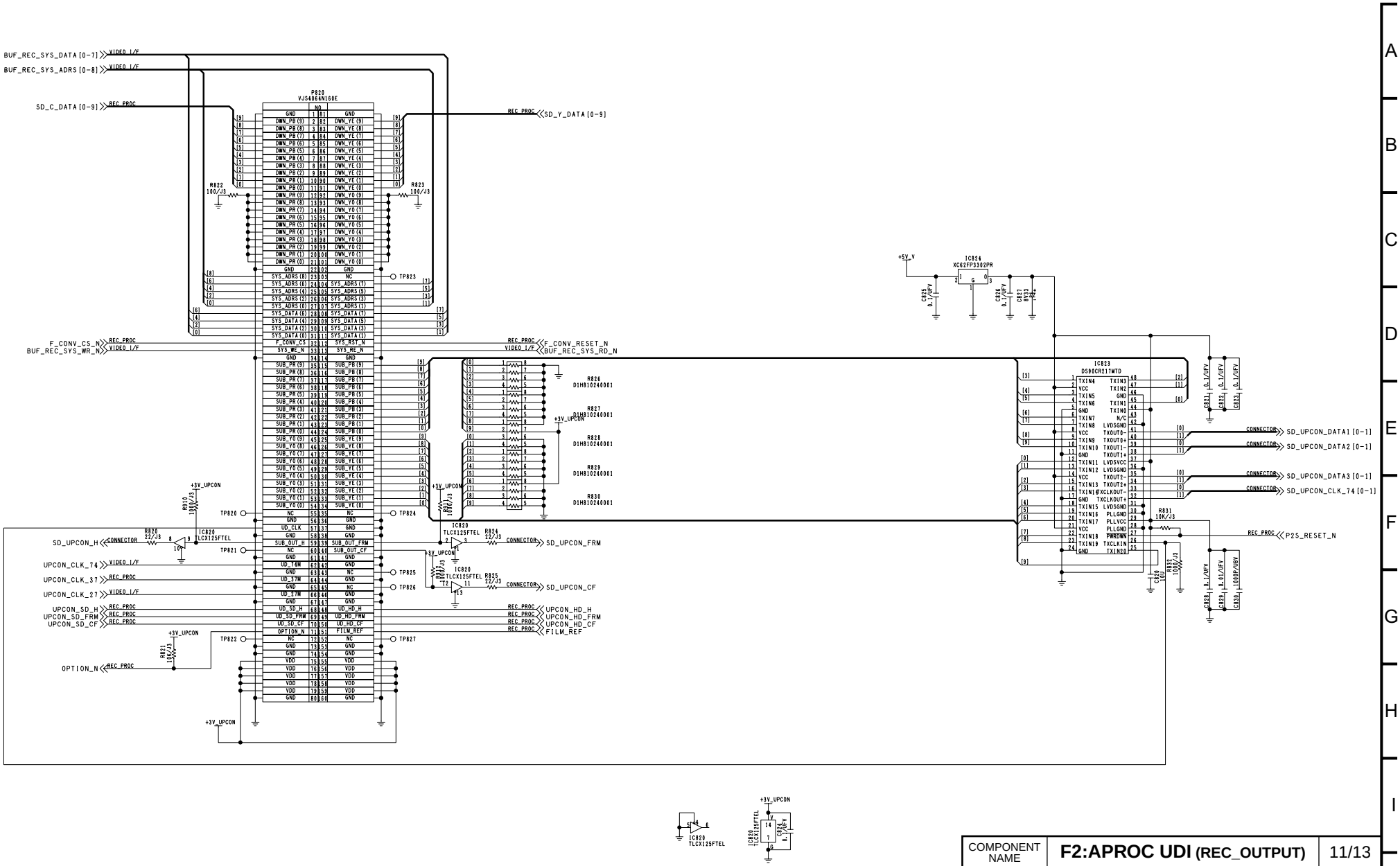

COMPONENT NAME
F2:APROC UDI (CONF_DEV)
08/13
CIRCUIT BOARD NO.
VEP84378A
DRAWING NO.
KR4K59 (8/13) (1)
SCM019



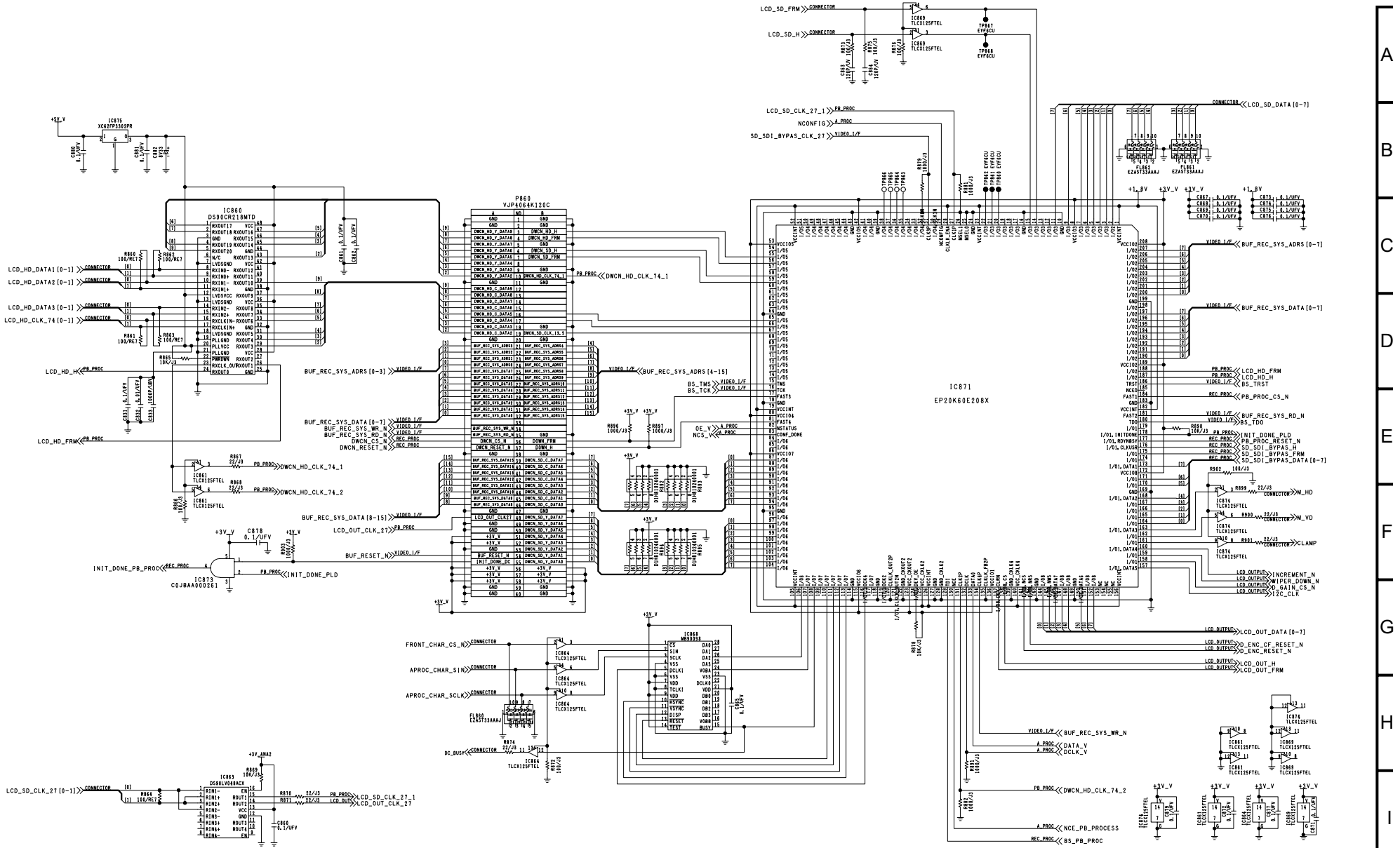
COMPONENT NAME	**F2:APROC UDI (VIDEO_I/F)**	09/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (9/13) (1)
		SCM020



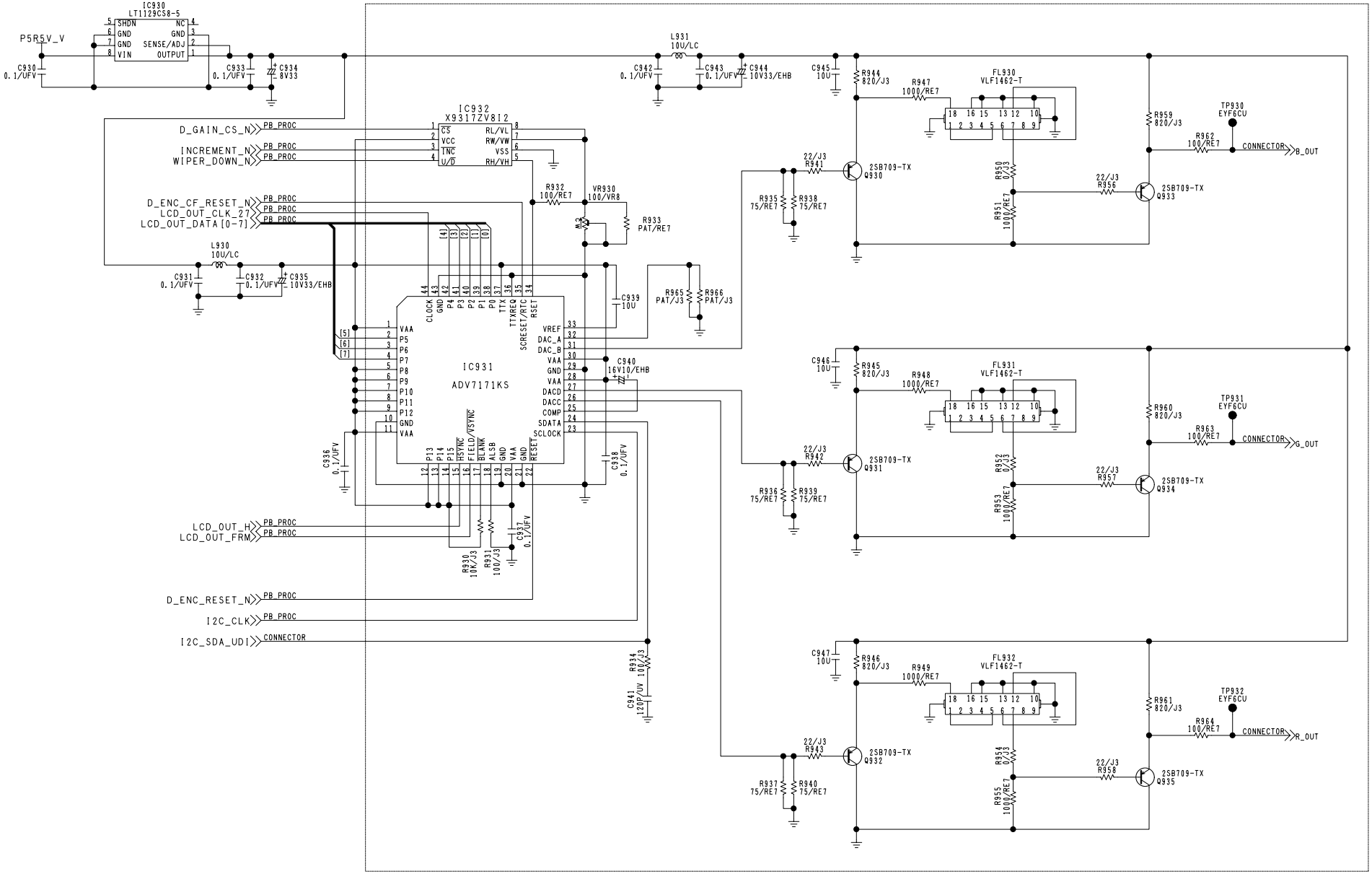
COMPONENT NAME	**F2:APROC UDI (REC_PROCESS)**	10/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (10/13) (1)
		SCM021



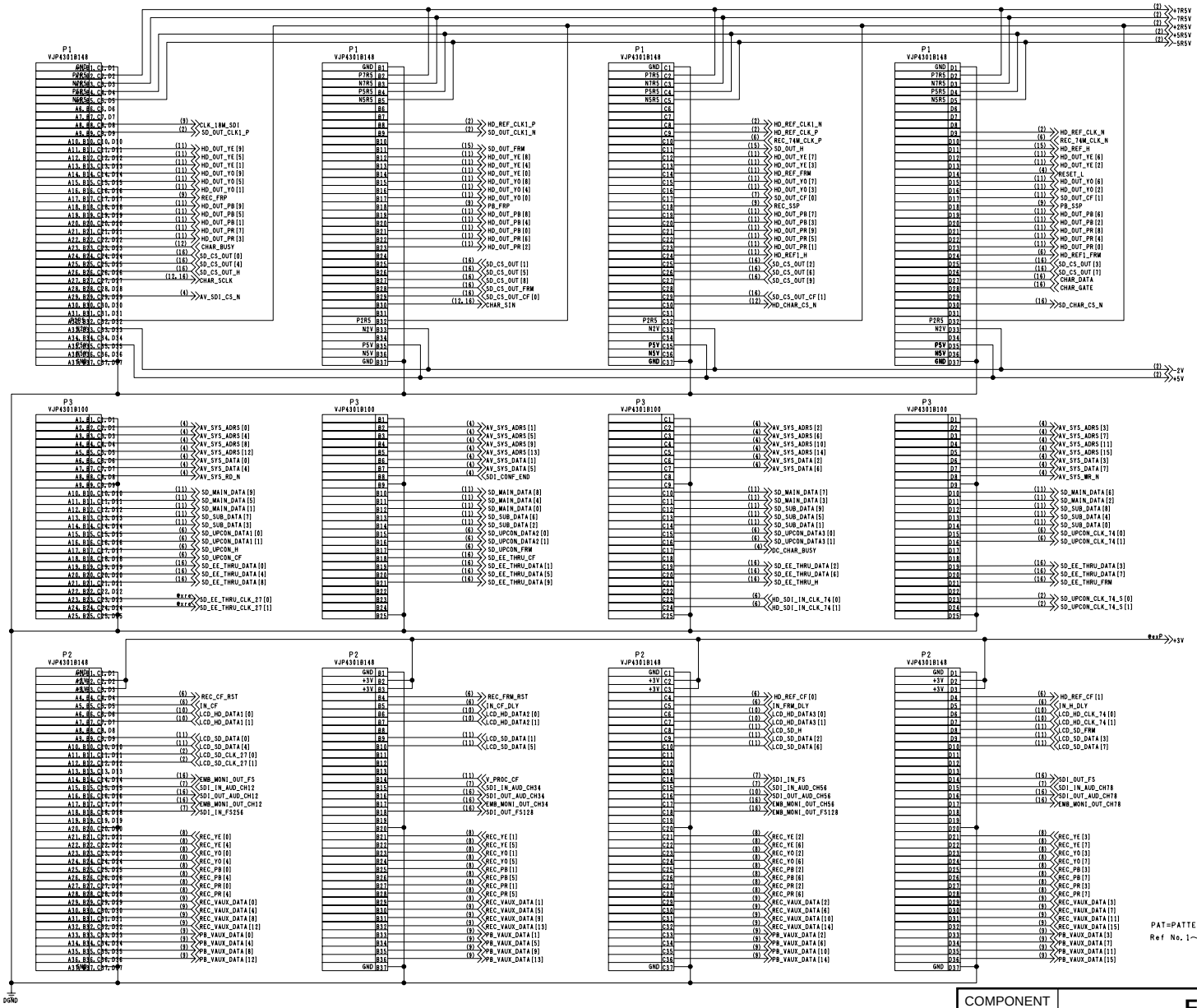
COMPONENT NAME	**F2:APROC UDI (REC_OUTPUT)**	11/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (11/13) (1)
		SCM022



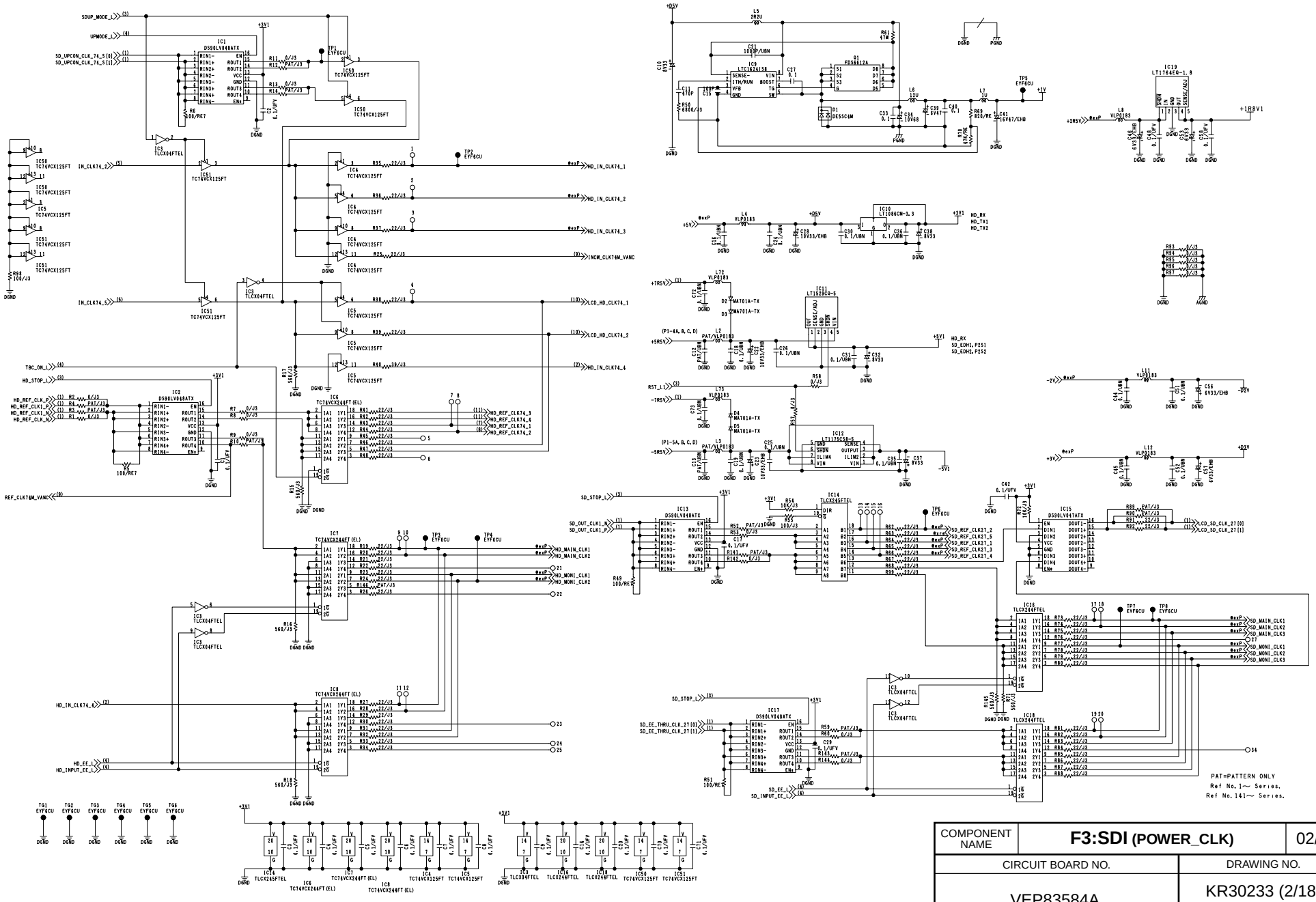
COMPONENT NAME	**F2:APROC UDI (PB_PROCESS)**	12/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84378A	KR4K59 (12/13) (1)	
	SCM023	



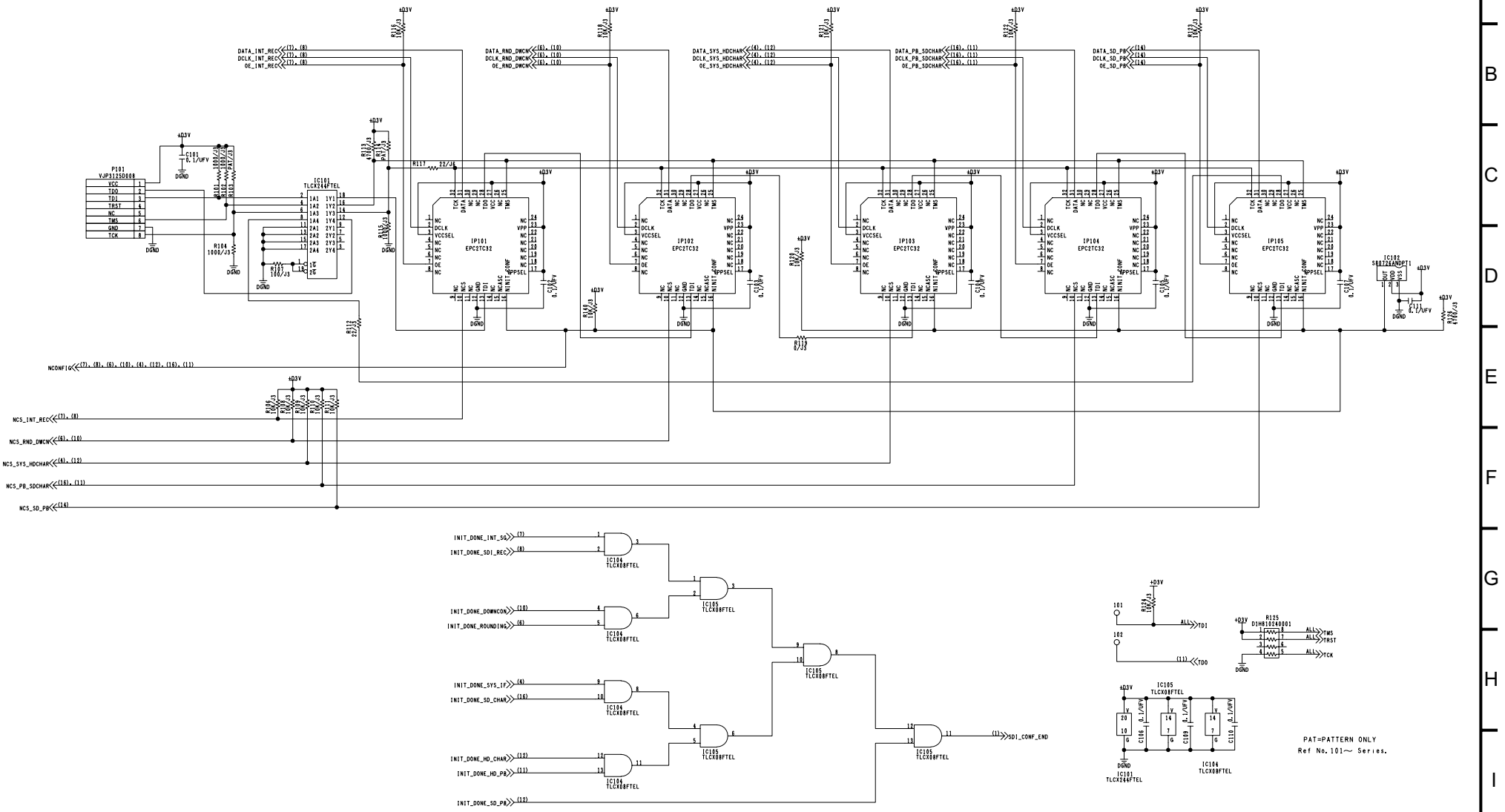
COMPONENT NAME	F2:APROC UDI (LCD_OUTPUT)	13/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP84378A		KR4K59 (13/13) (1)
		SCM024



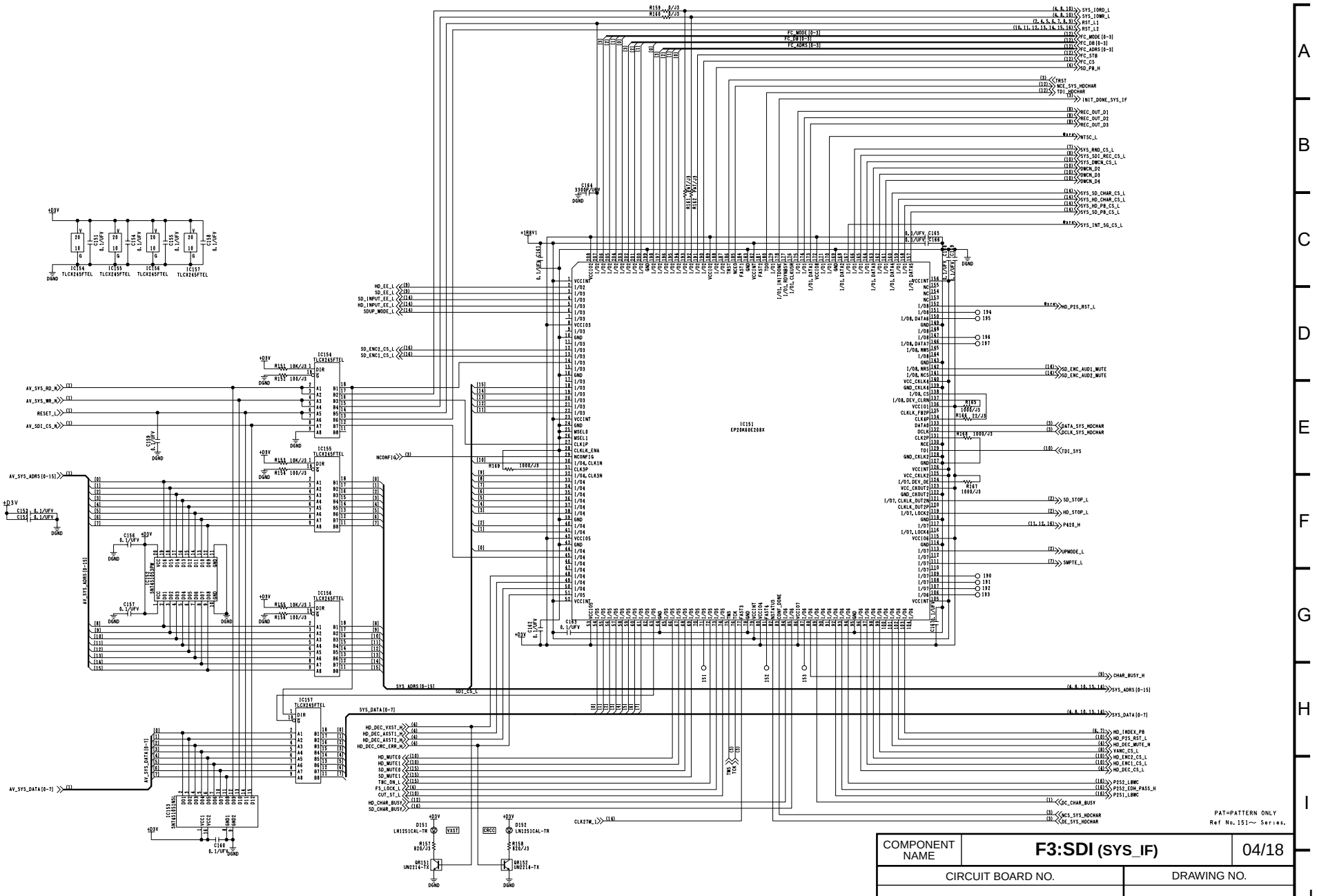
COMPONENT NAME	**F3:SDI**	01/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (1/18) (1)
		SCM025



COMPONENT NAME	**F3:SDI (POWER_CLK)**	02/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (2/18) (1)
		SCM026

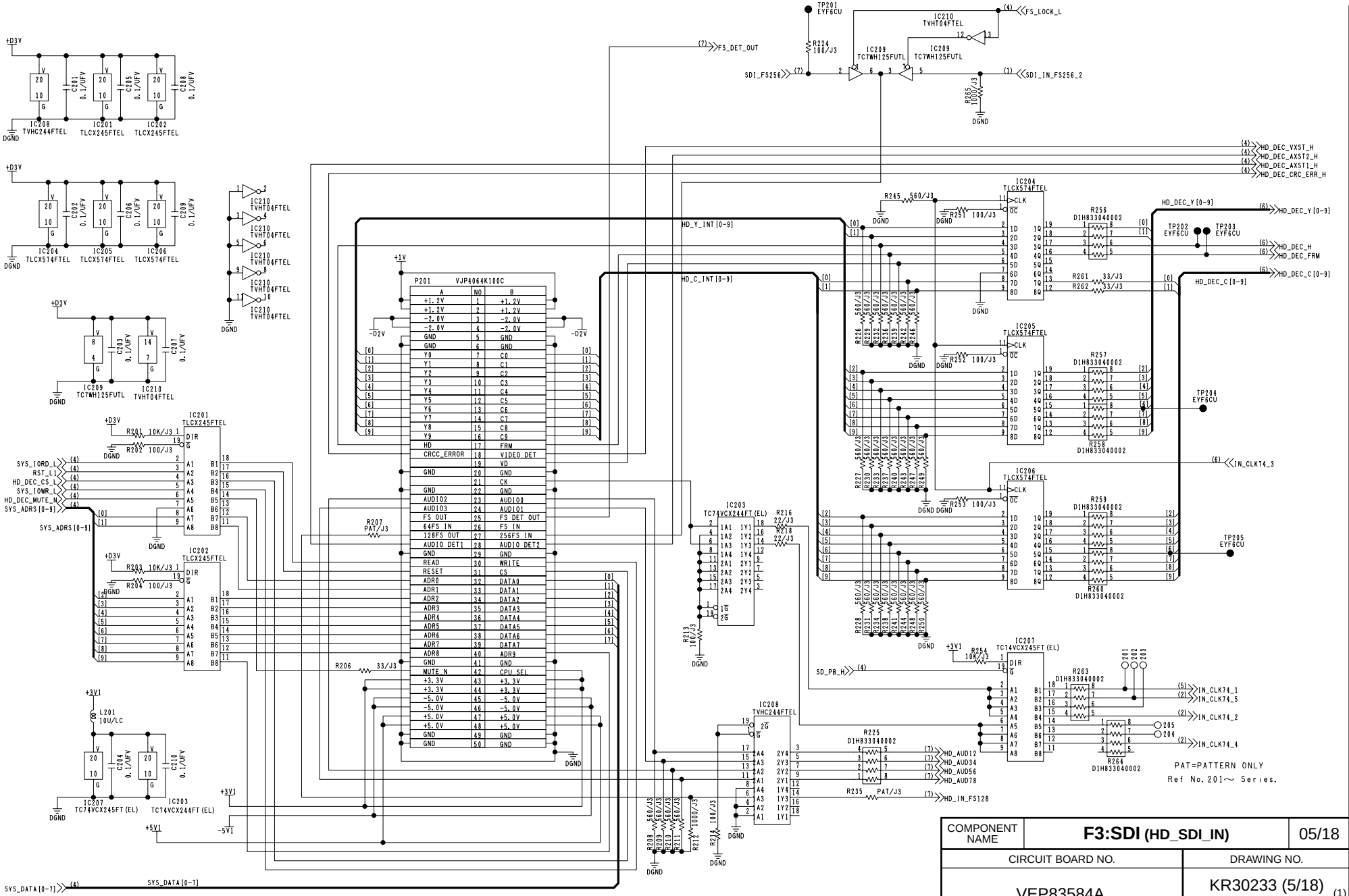


COMPONENT NAME	**F3:SDI (FPGA_CONFIG)**	03/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (3/18) (1)
		SCM027

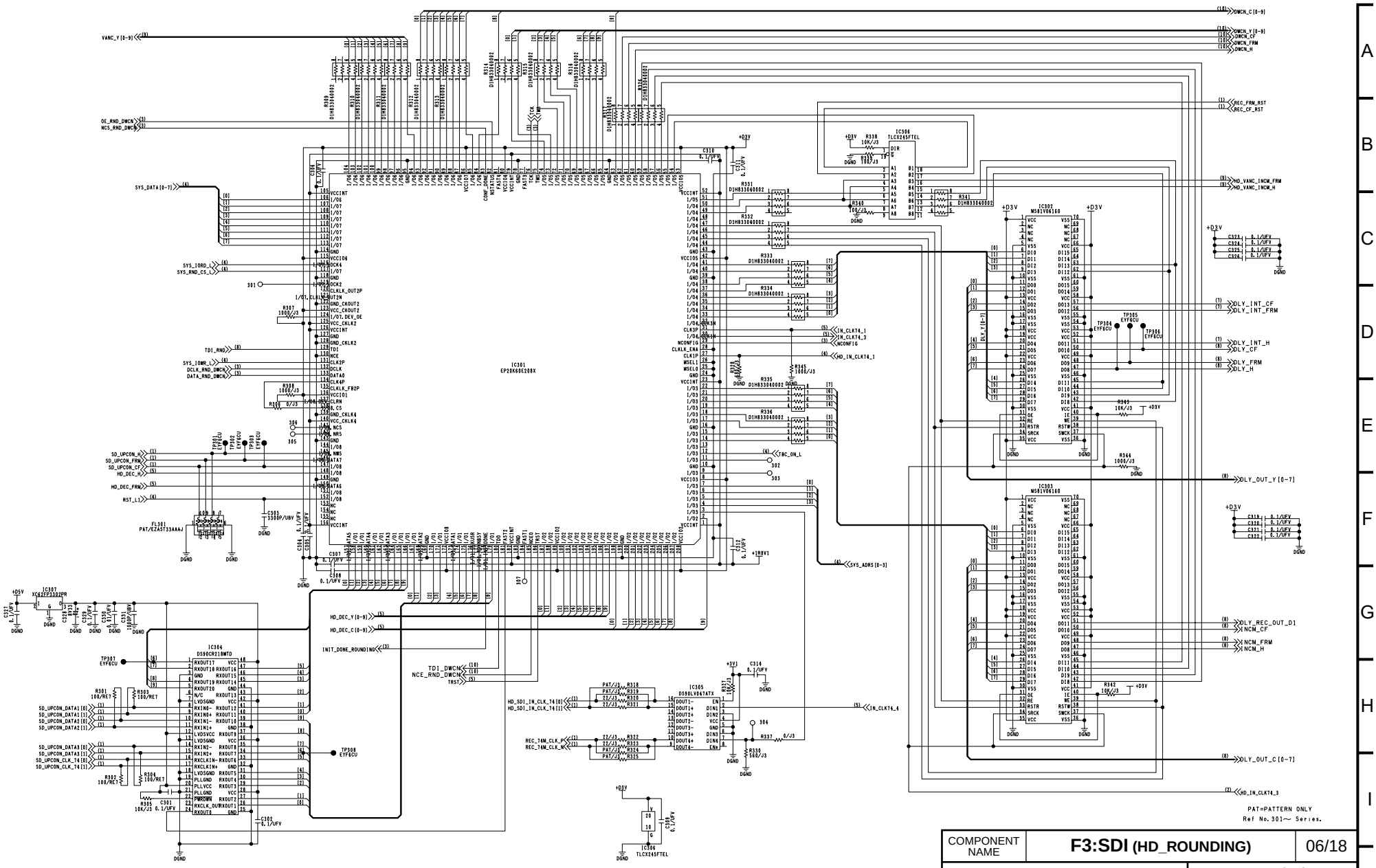


COMPONENT NAME	F3:SDI (SYS_IF)	04/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (4/18) (1)
		SCM028

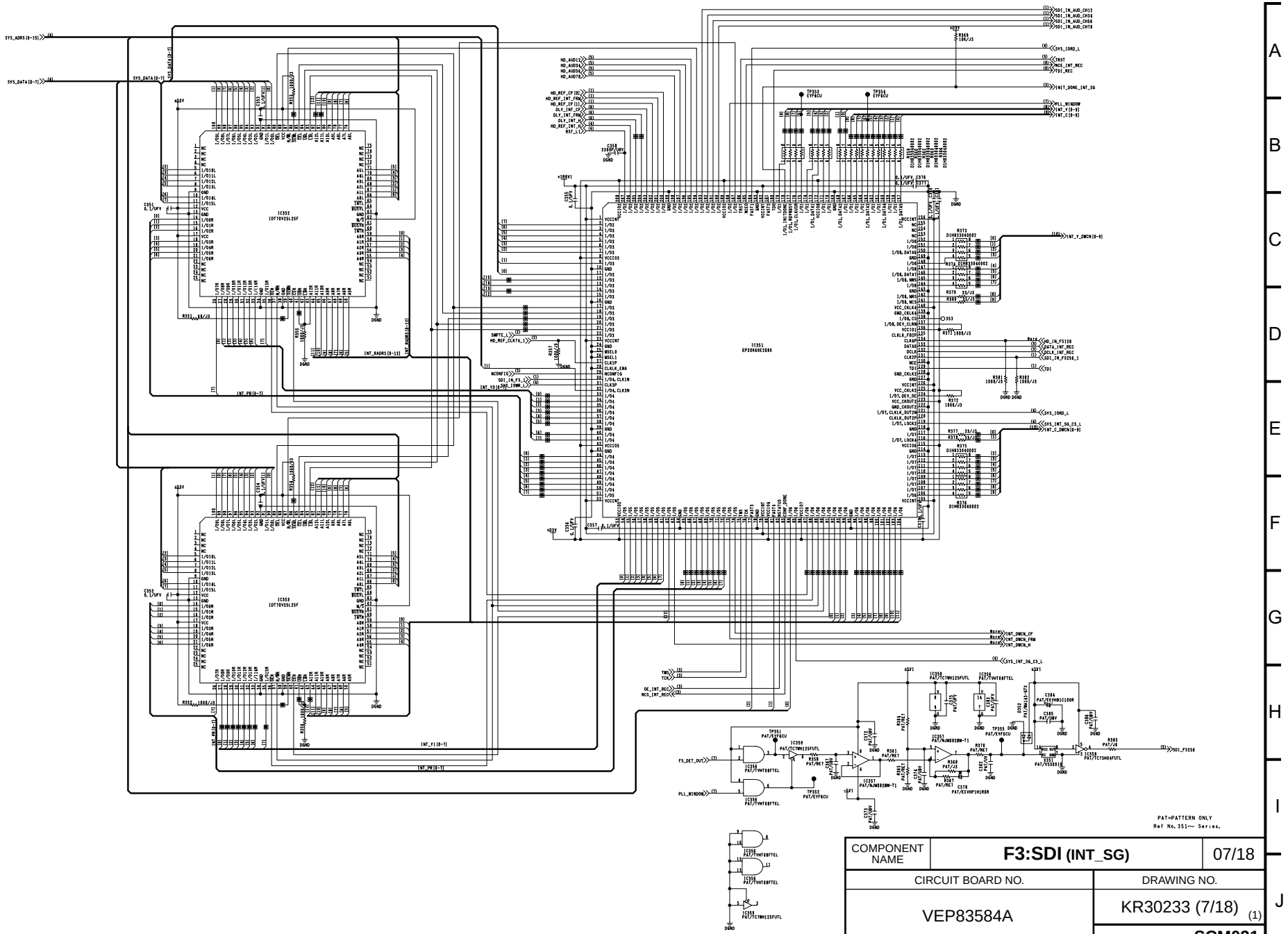
PAT=PATTERN ONLY
Ref No. 151～ Series.



COMPONENT NAME	F3:SDI (HD_SDI_IN)	05/18
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83584A	KR30233 (5/18) (1)	
	SCM029	

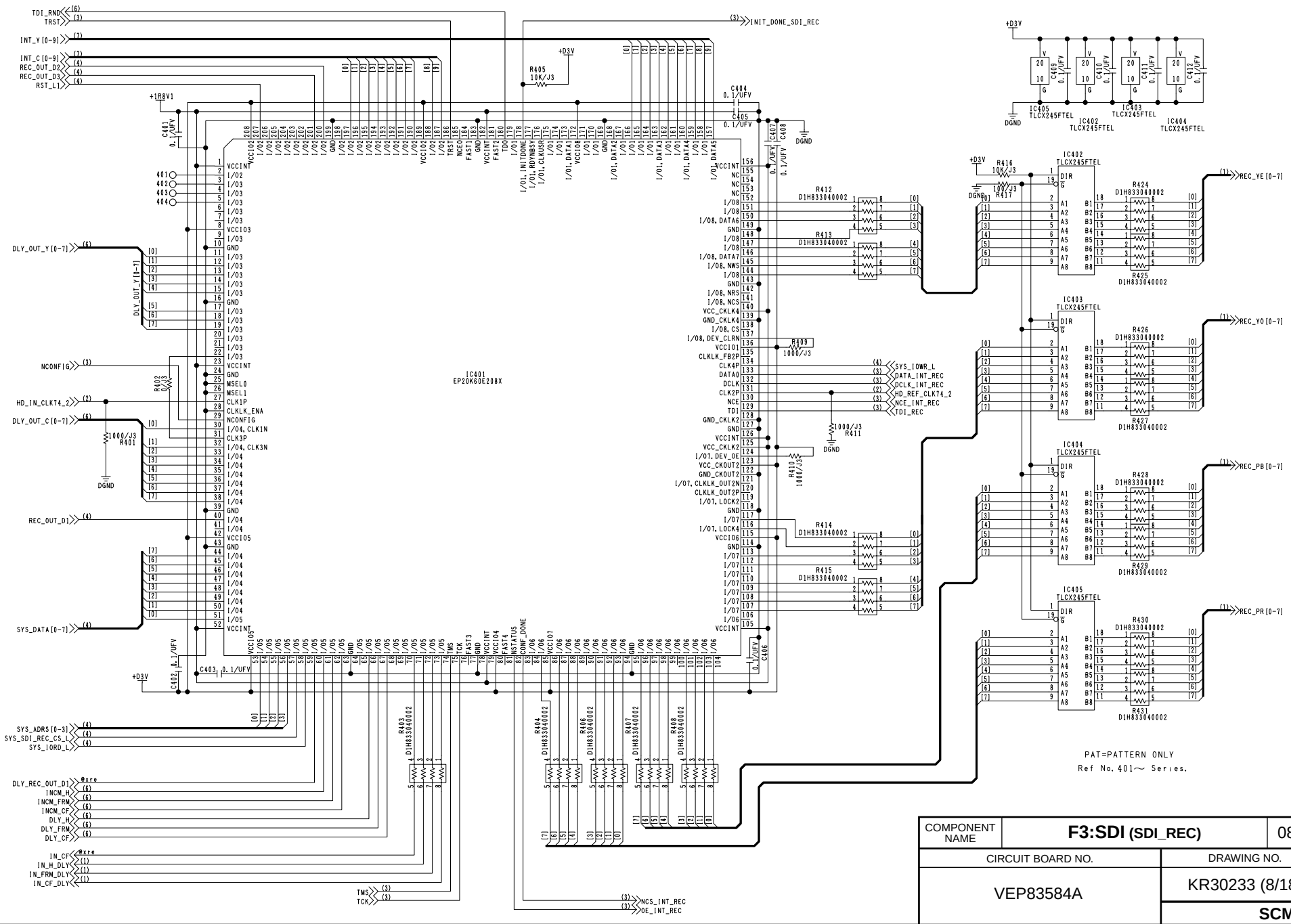


COMPONENT NAME	**F3:SDI (HD_ROUNDING)**	06/18
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83584A	KR30233 (6/18) (1)	
	SCM030	

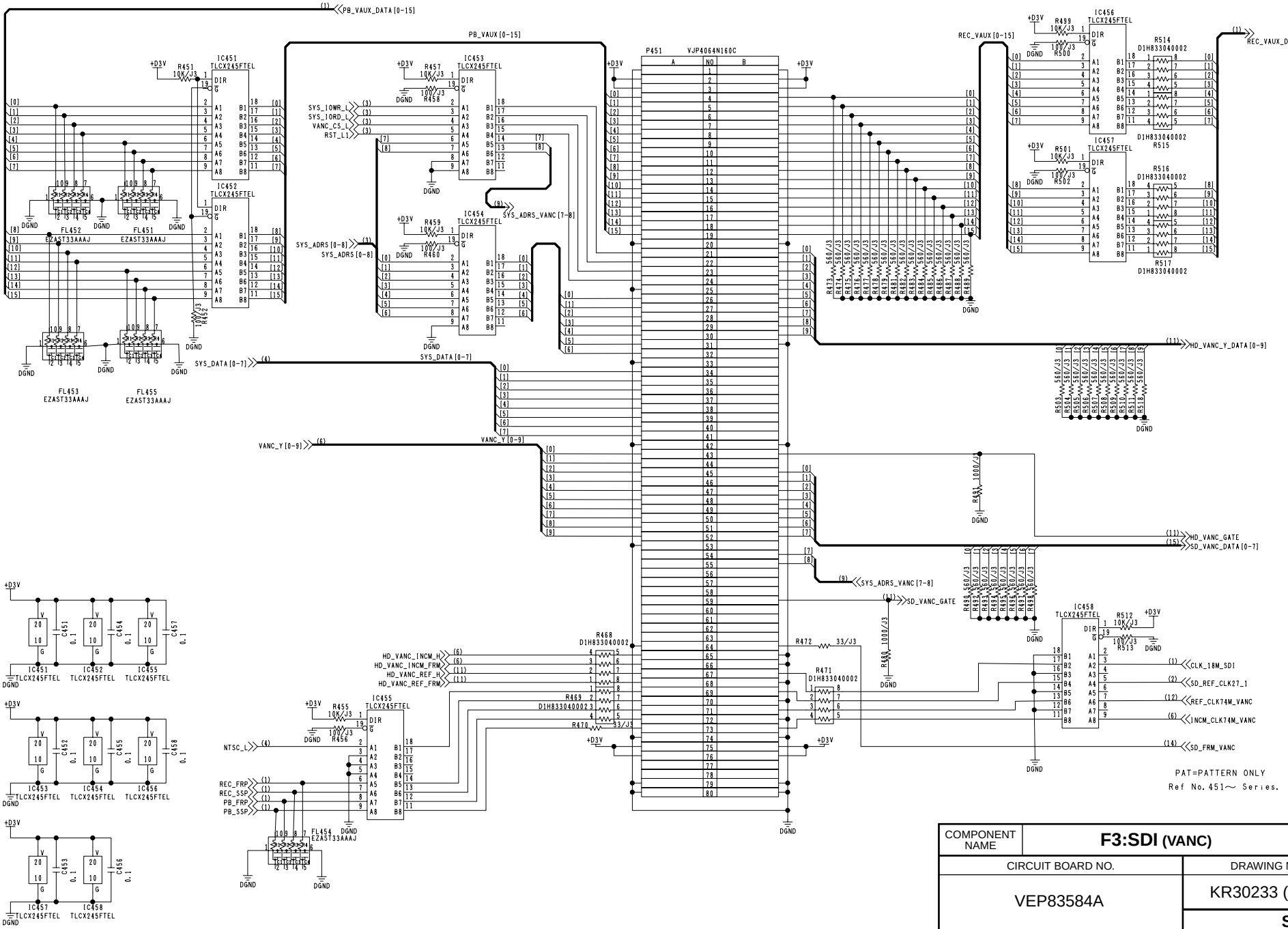


COMPONENT NAME	**F3:SDI (INT_SG)** 07/18
CIRCUIT BOARD NO.	DRAWING NO.
VEP83584A	KR30233 (7/18) (1)
	SCM031

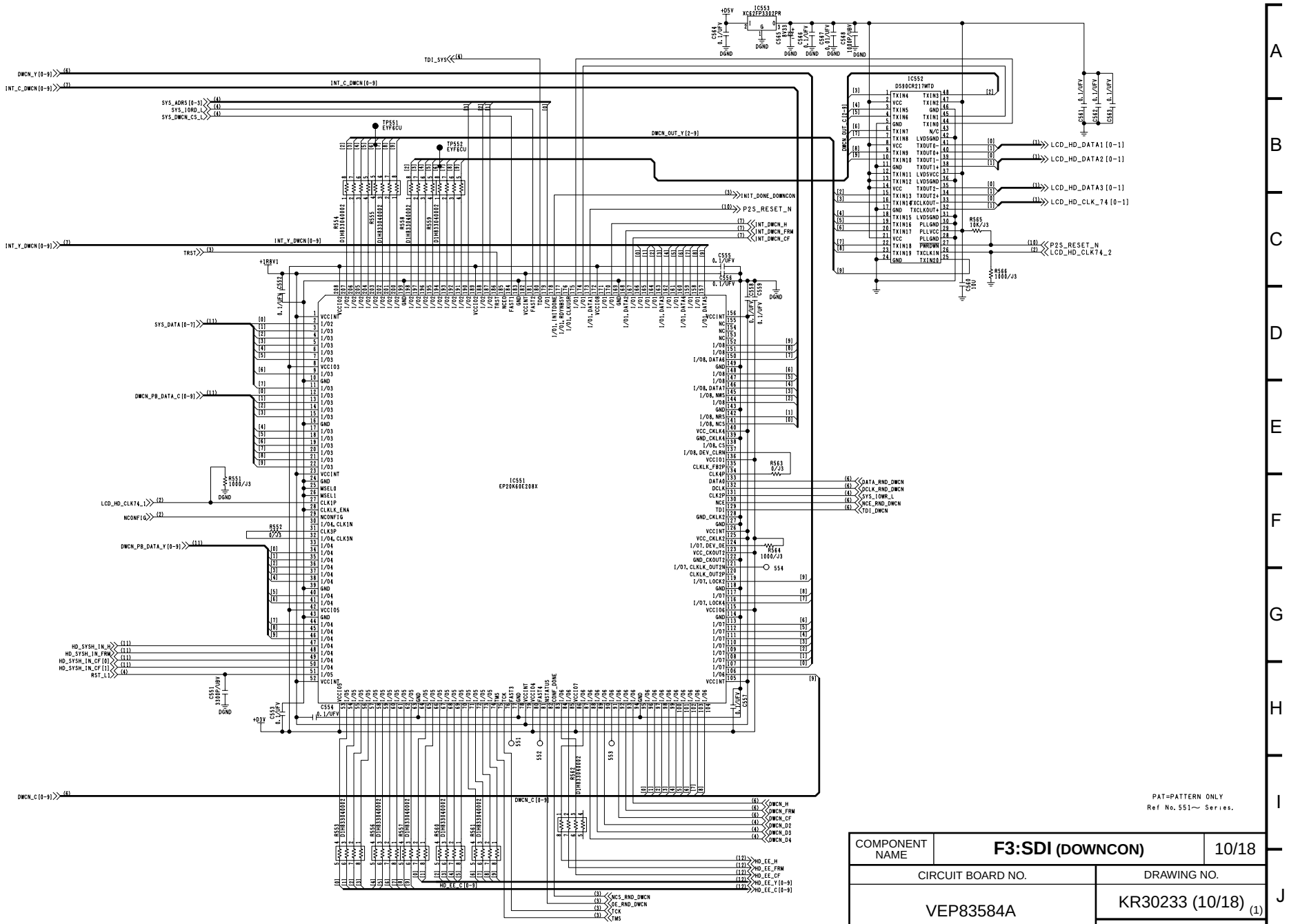
PAT=PATTERN ONLY
Ref No. 351~ Series.



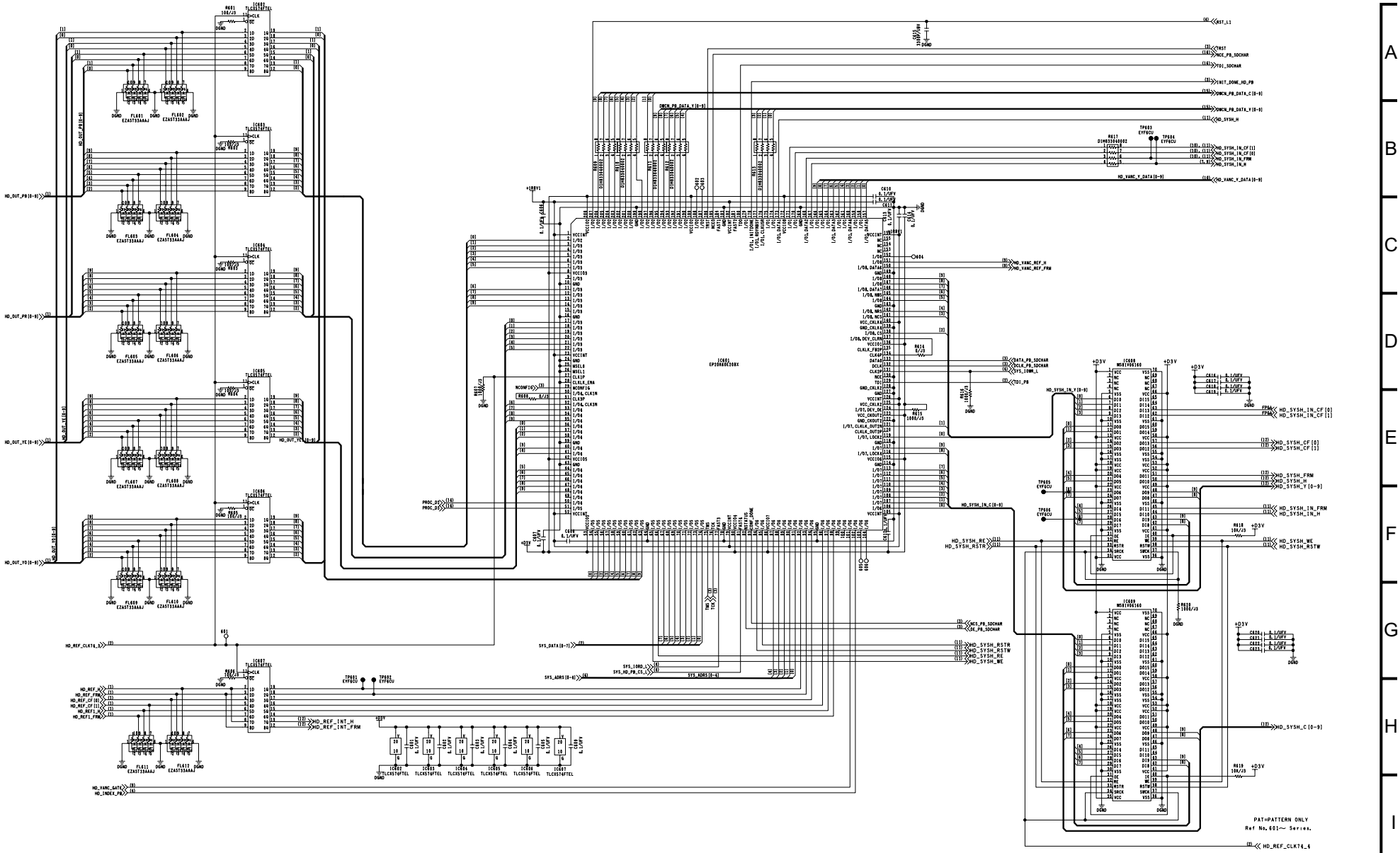
COMPONENT NAME	**F3:SDI (SDI_REC)**	08/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (8/18) (1)
		SCM032



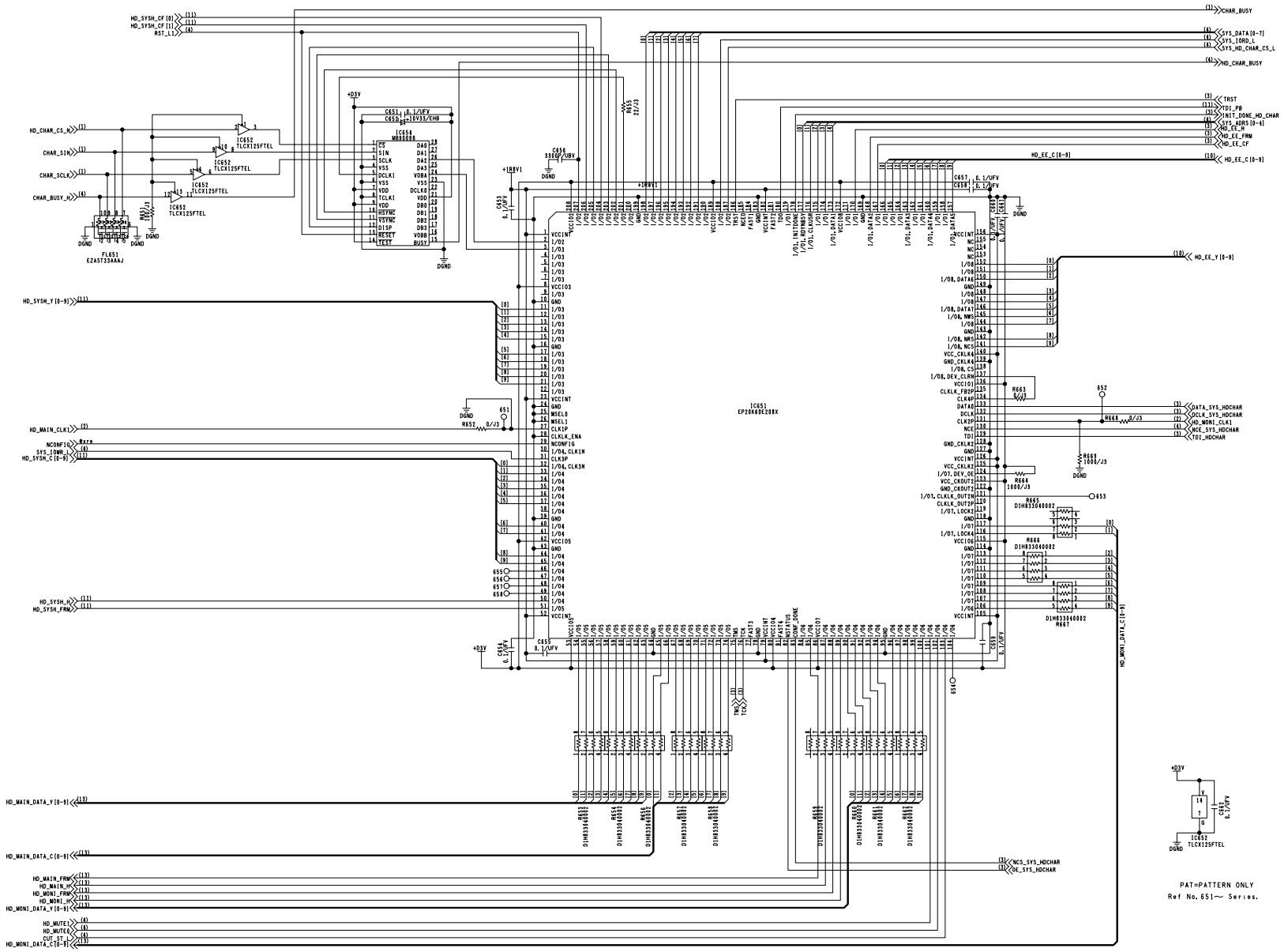
COMPONENT NAME	F3:SDI (VANC)	09/18
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83584A	KR30233 (9/18) (1)	
	SCM033	



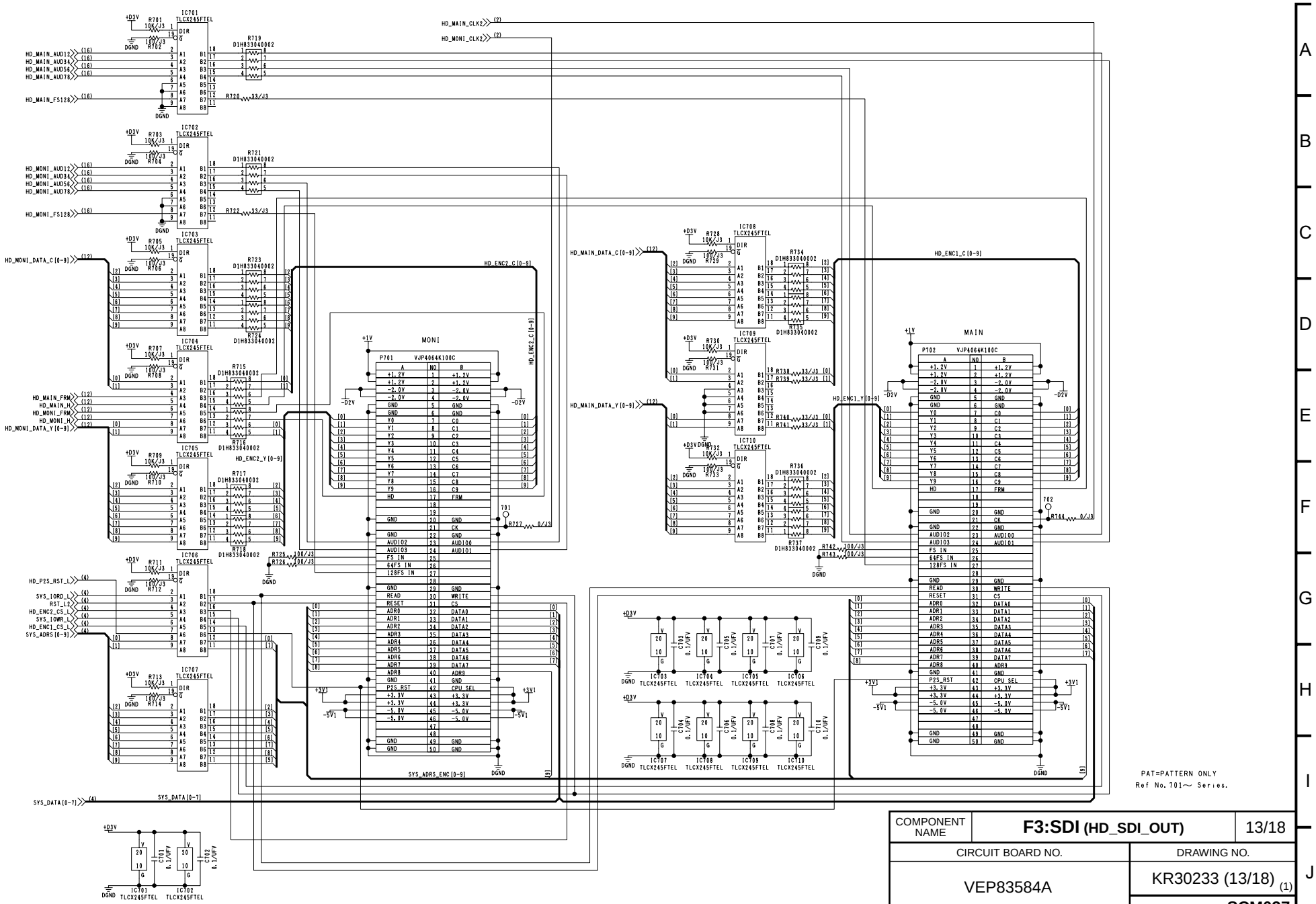
COMPONENT NAME	F3:SDI (DOWNCON)	10/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (10/18) (1)
		SCM034



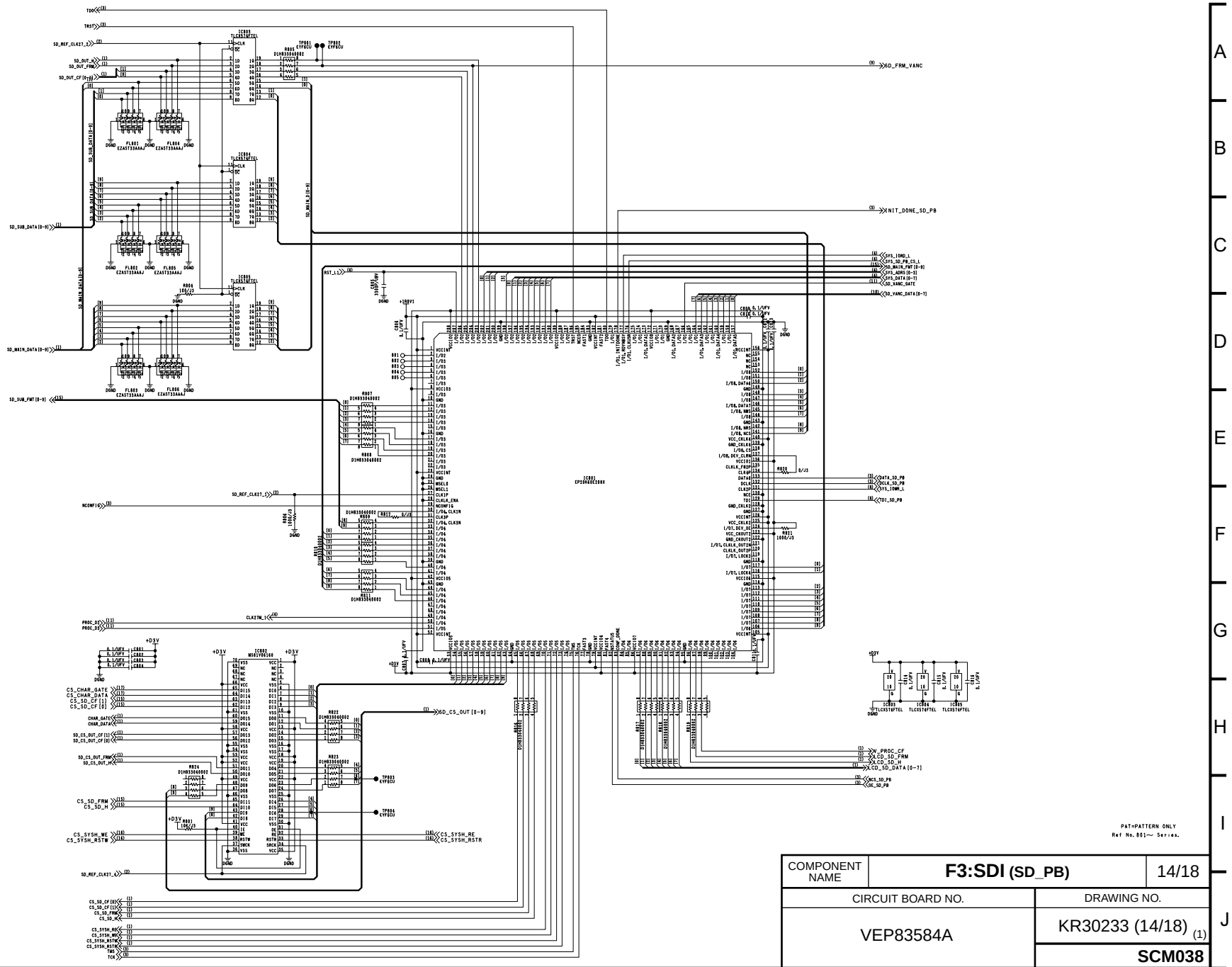
COMPONENT NAME	**F3:SDI (HD_PB)**	11/18
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83584A	KR30233 (11/18) (1)	
	SCM035	



COMPONENT NAME	**F3:SDI (HD_CHAR)**	12/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (12/18) (1)
		SCM036

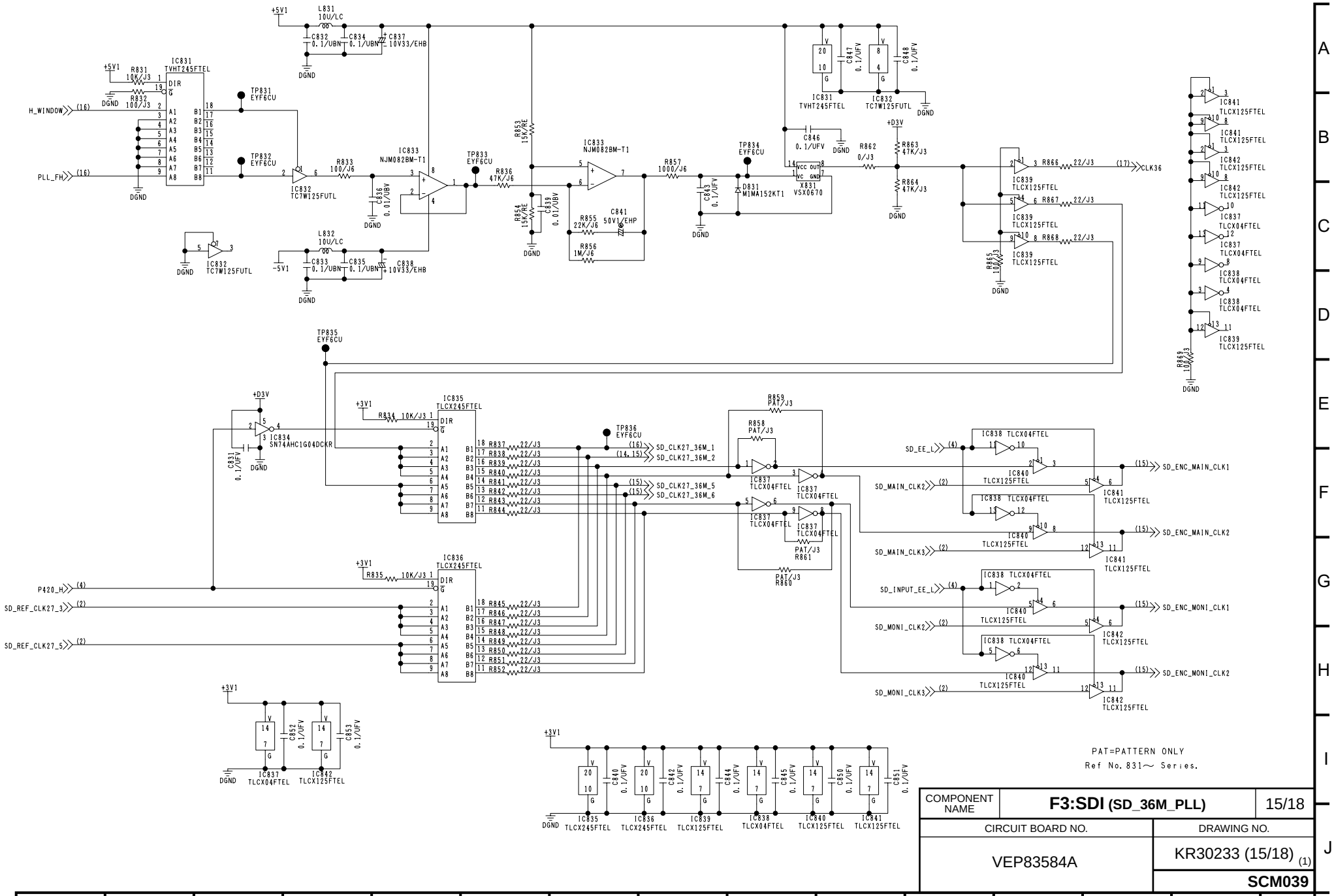


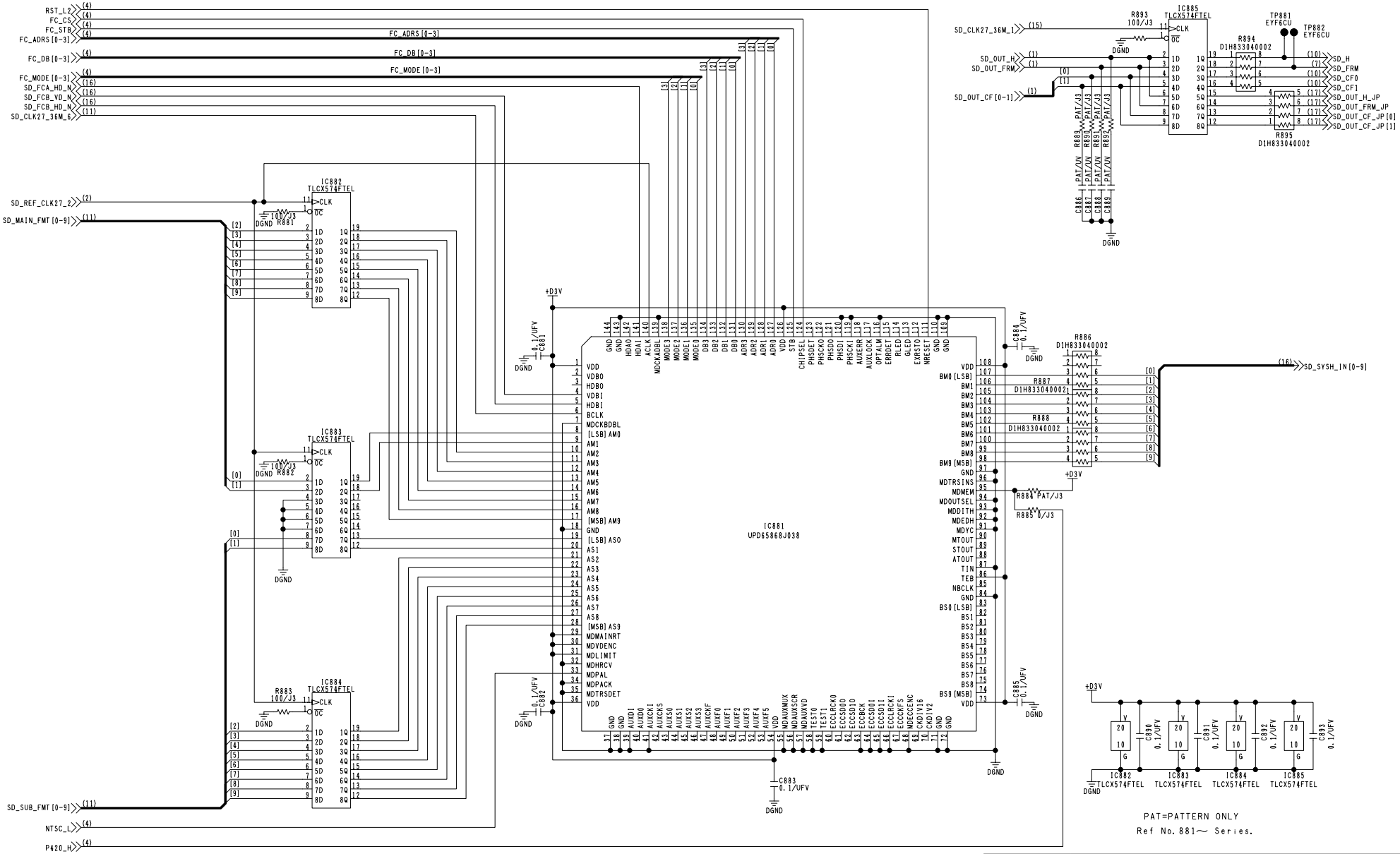
COMPONENT NAME	**F3:SDI (HD_SDI_OUT)**	13/18
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83584A	KR30233 (13/18) (1)	
	SCM037	



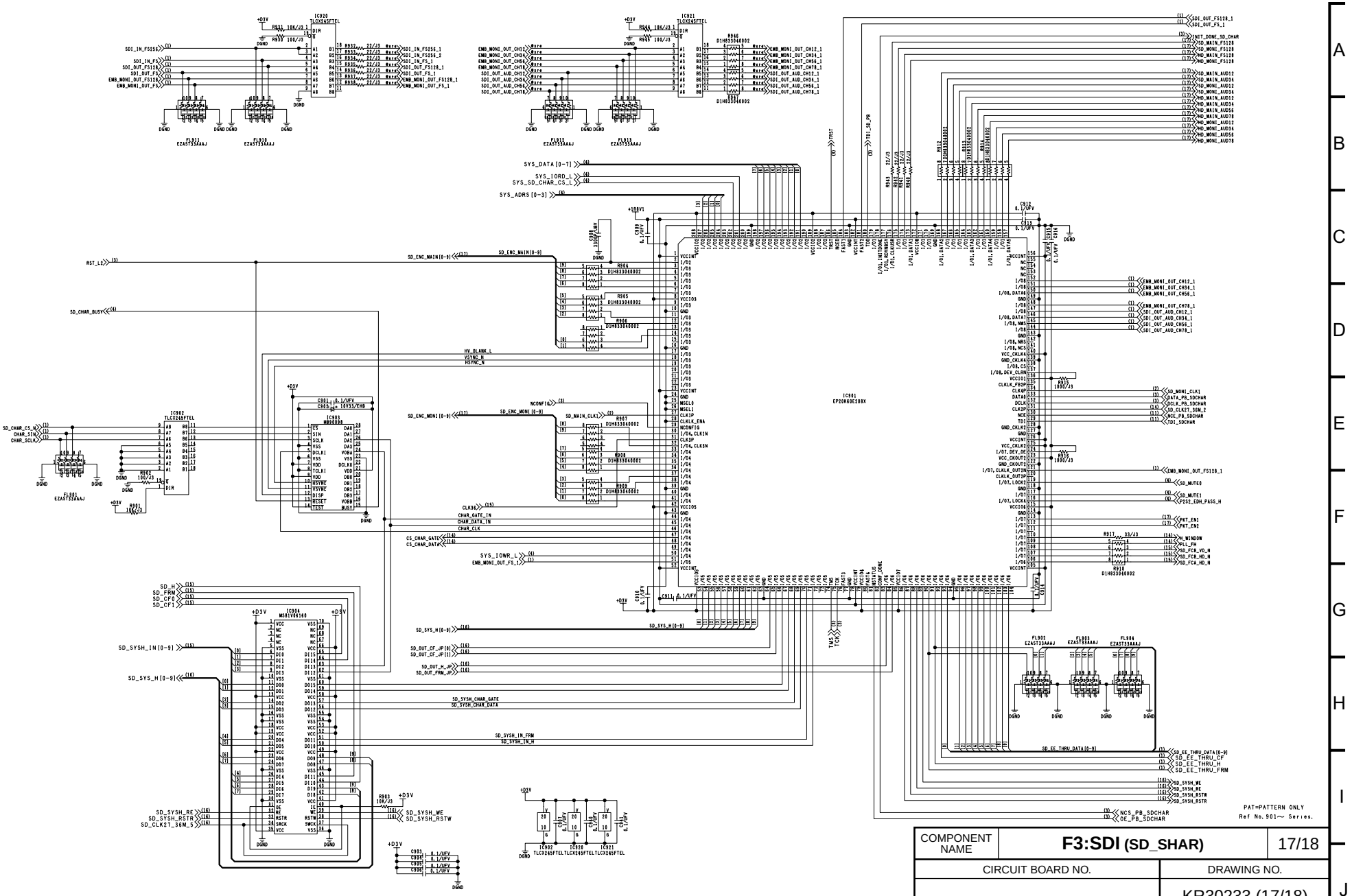
PAT=PATTERN ONLY
Ref No. 801～ Series.

COMPONENT NAME	F3:SDI (SD_PB)	14/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (14/18) (1)
		SCM038


PAT=PATTERN ONLY
Ref No. 831～ Series.
COMPONENT NAME
F3:SDI (SD_36M_PLL)
15/18
CIRCUIT BOARD NO.
VEP83584A
DRAWING NO.
KR30233 (15/18) (1)
SCM039

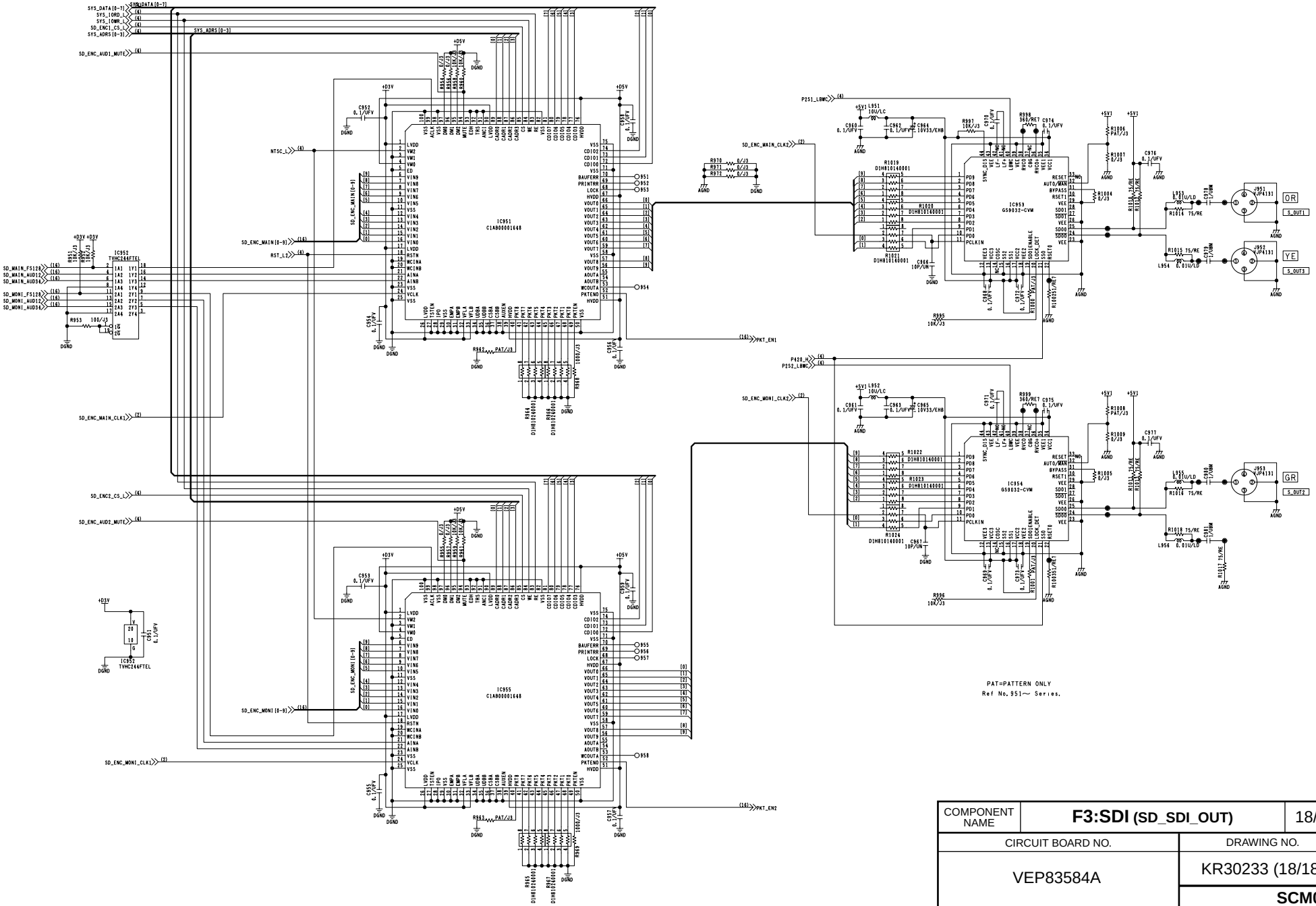


COMPONENT NAME	F3:SDI (SD_FORMAT_CONV)	16/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (16/18) (1)
		SCM040

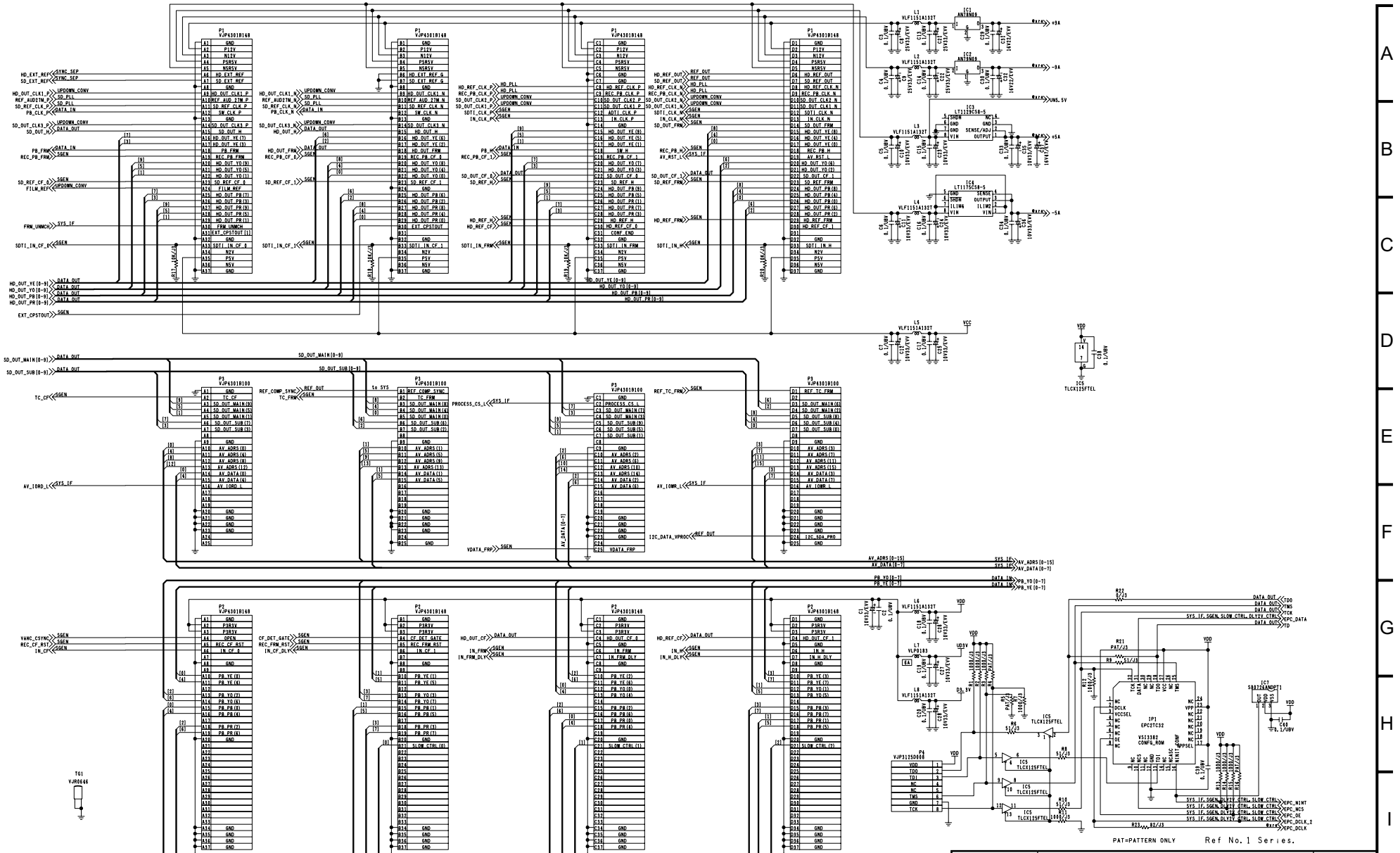


PAT=PATTERN ONLY
Ref No. 901～ Series.

COMPONENT NAME	F3:SDI (SD_SHAR)	17/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (17/18) (1)
		SCM041



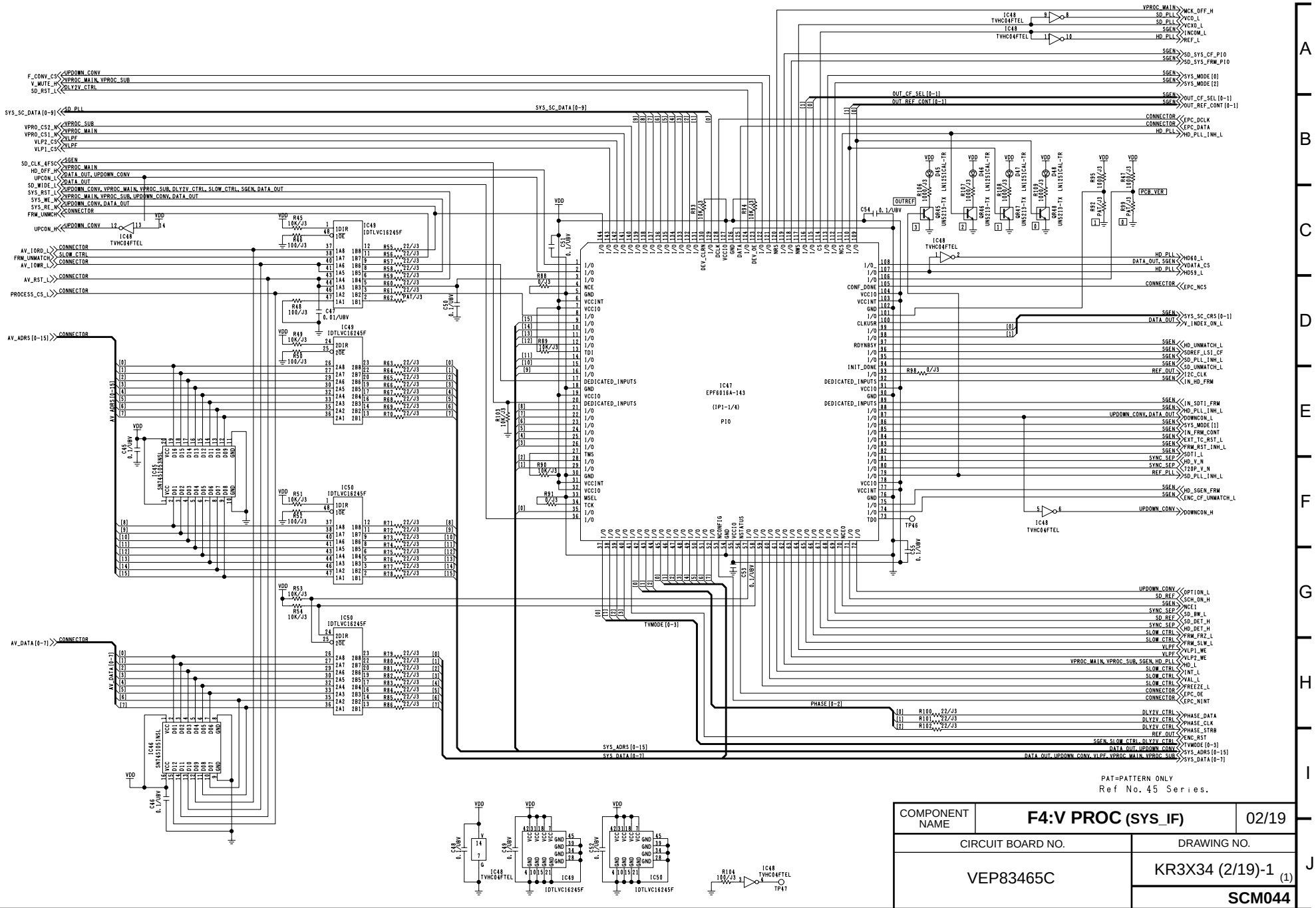
COMPONENT NAME	**F3:SDI (SD_SDI_OUT)**	18/18
CIRCUIT BOARD NO.		DRAWING NO.
VEP83584A		KR30233 (18/18) (1)
		SCM042



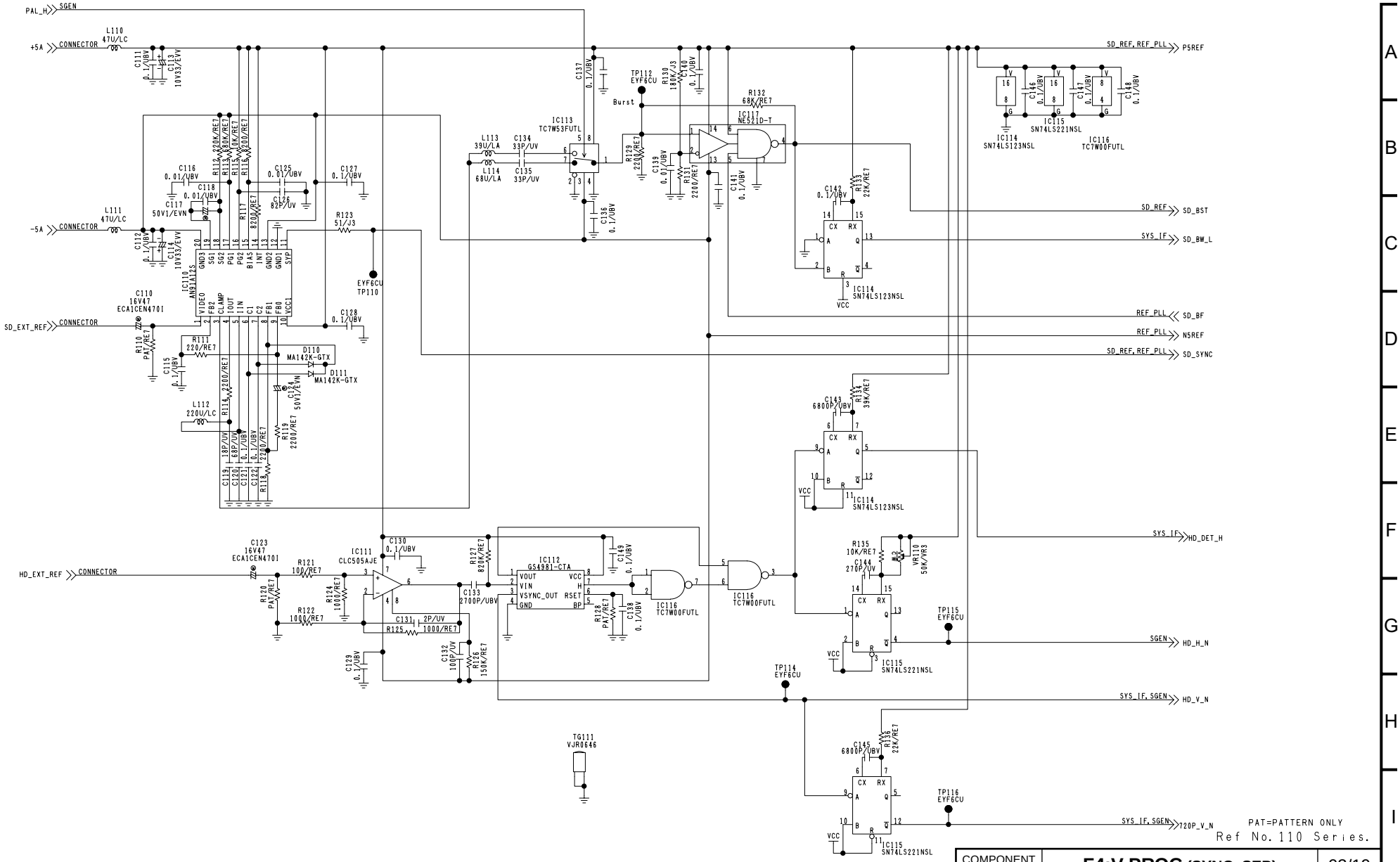
COMPONENT NAME	F4:V PROC (CONNECTOR)	01/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (1/19)-1 (1)	
	SCM043	

PAT=PATTERN ONLY

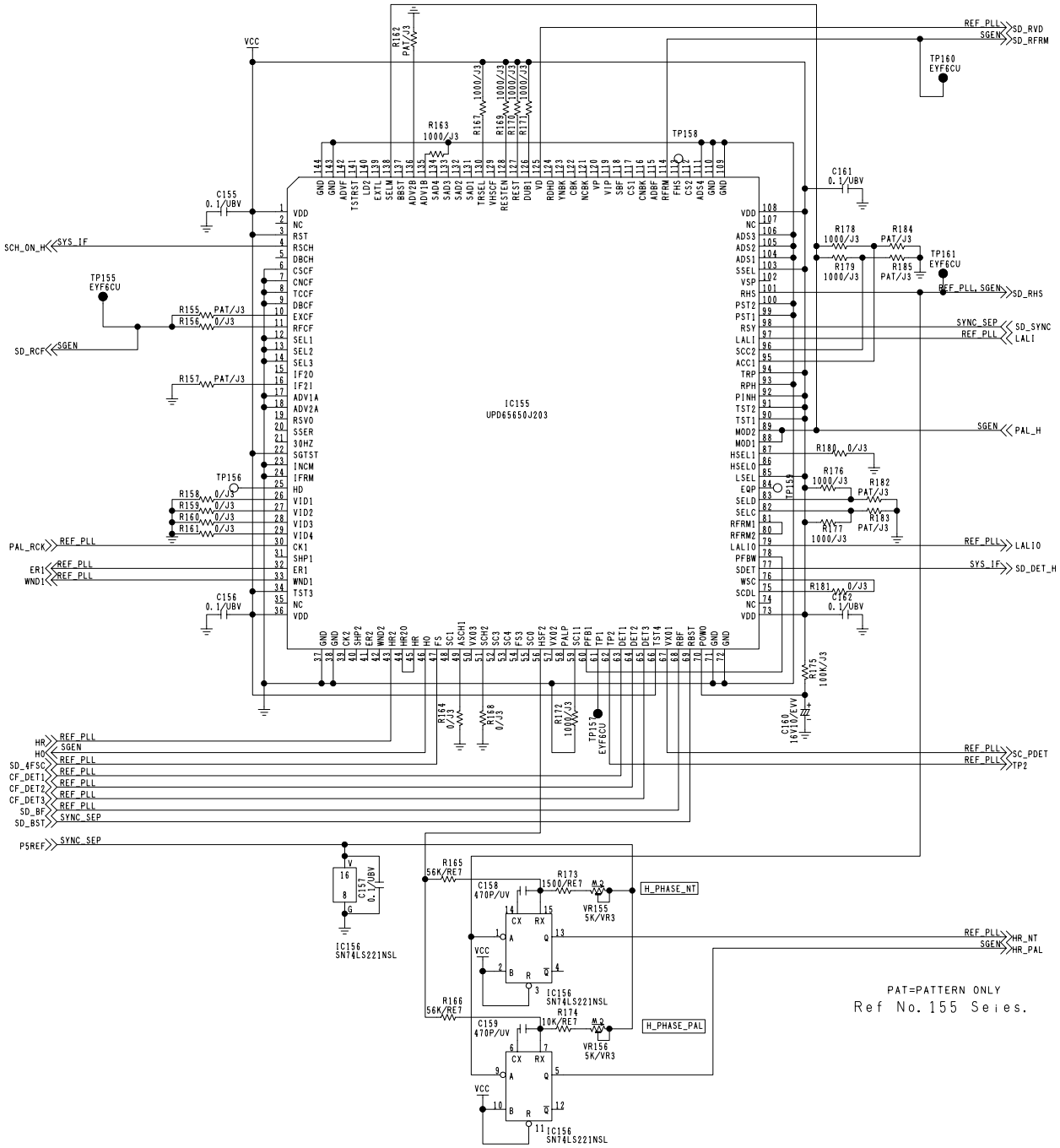
Ref No. 1 Series.



COMPONENT NAME	**F4:V PROC (SYS_IF)**	02/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (2/19)-1 (1)	
	SCM044	

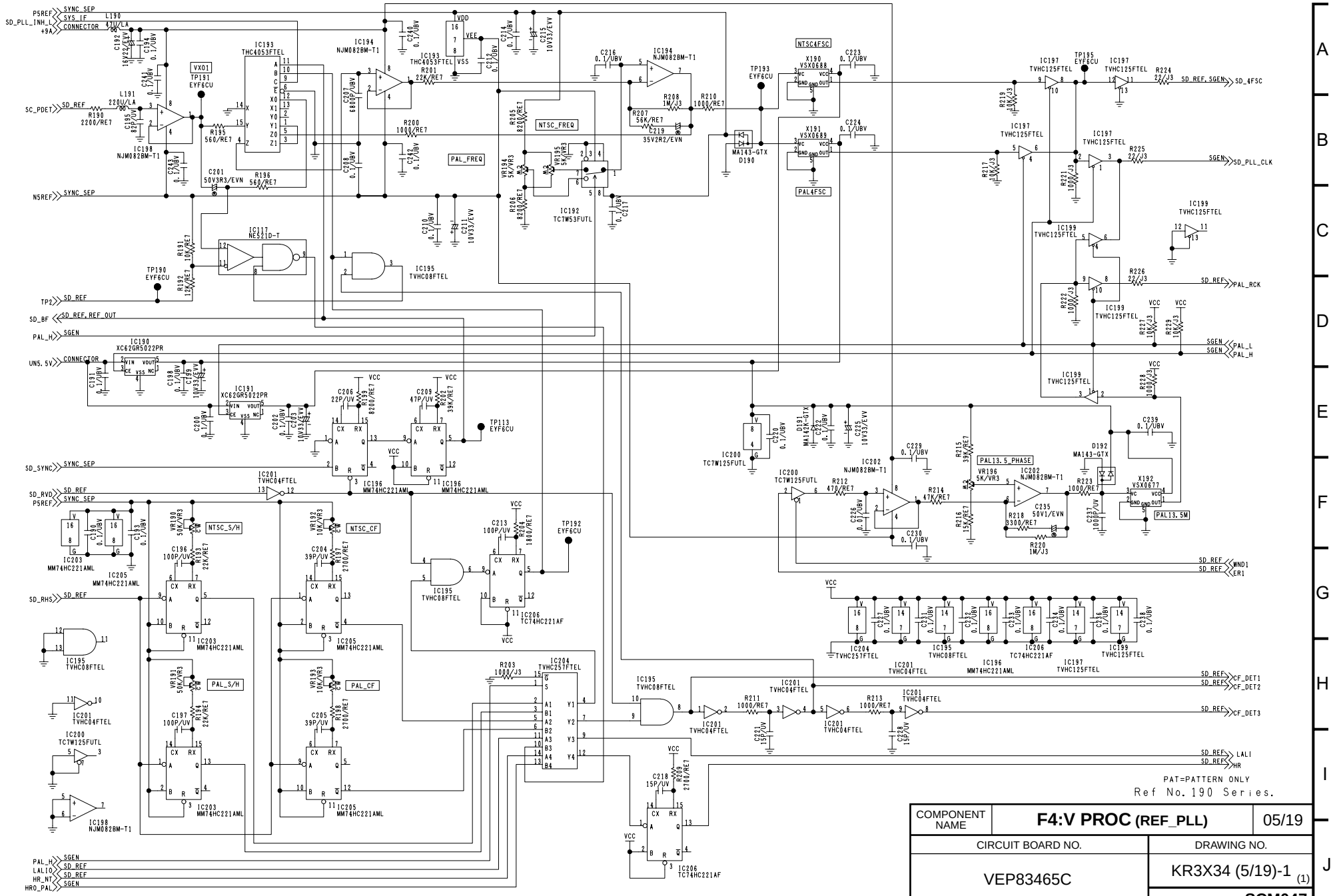


COMPONENT NAME	F4:V PROC (SYNC_SEP)	03/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (3/19)-1 (1)	
	SCM045	

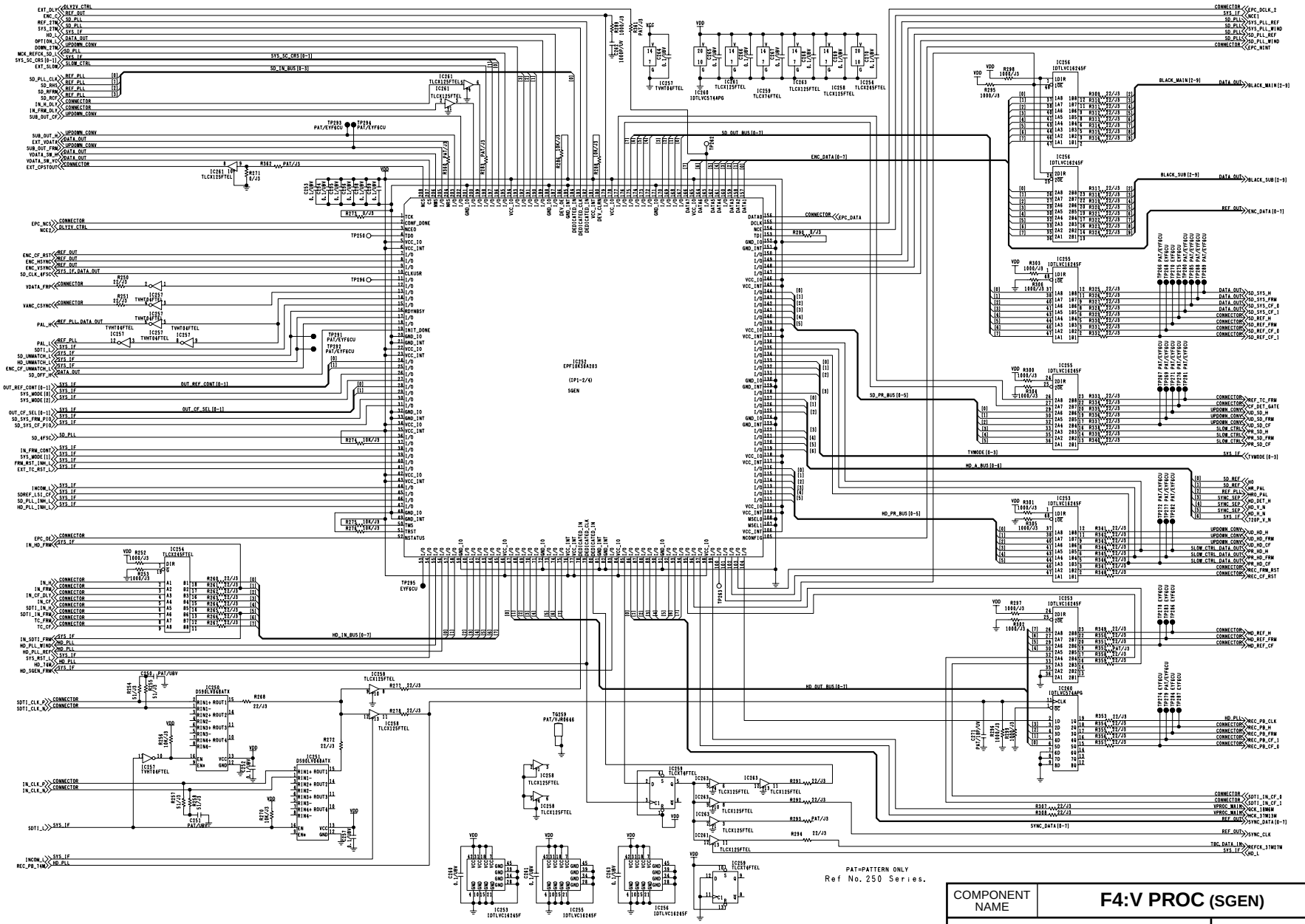


	AJ-HD1500
REF	VJP83465C
IP1	VSI3741
R128	ERJ3RED224V
R174	ERJ3RBD103V
R426	ERJ3RBD273V
R1120	ERJ3GEY0R00V
R1121	ERJ3GEY0R00V
R1122	ERJ3GEY0R00V
R1123	ERJ3GEY0R00V
C133	ECUV1C333KBV
C159	ECUV1H471JCV
X190	VSX0688
X365	VSX0981
X366	PAT
X400	PAT
X403	PAT
TP272	PAT
TP277	PAT
TP282	PAT
TP285	PAT
TP288	PAT
TP289	PAT
TP293	PAT
TP294	PAT
TG912	PAT

COMPONENT NAME	F4:V PROC (SD_REF)	04/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (4/19)-1 (1)
		SCM046



COMPONENT NAME	**F4:V PROC (REF_PLL)**	05/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (5/19)-1 (1)	
	SCM047	

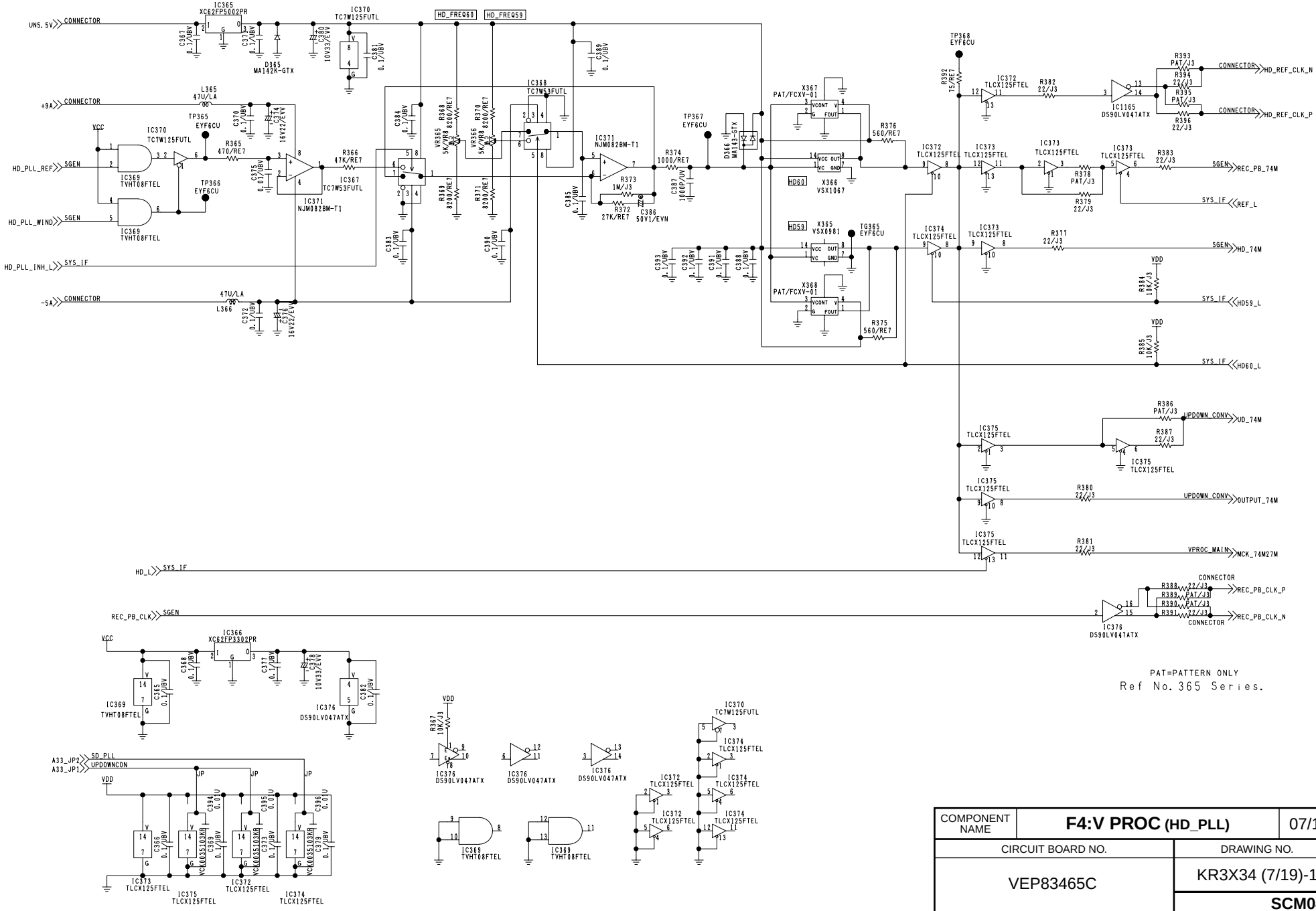


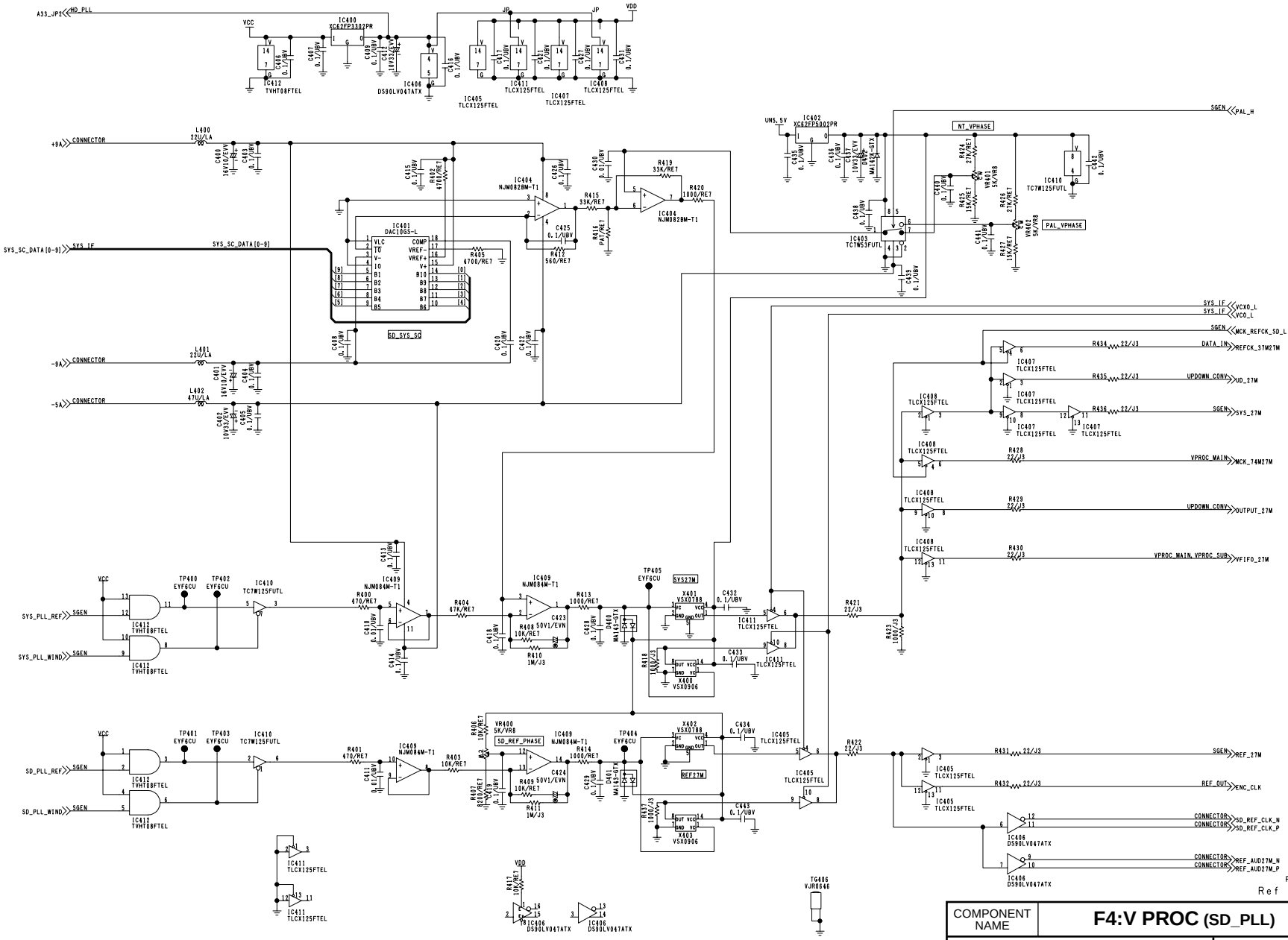
PAT=PATTERN ONLY
Ref No. 250 Series.

COMPONENT NAME	**F4:V PROC (SGEN)**	06/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (6/19)-1 (1)
		SCM048

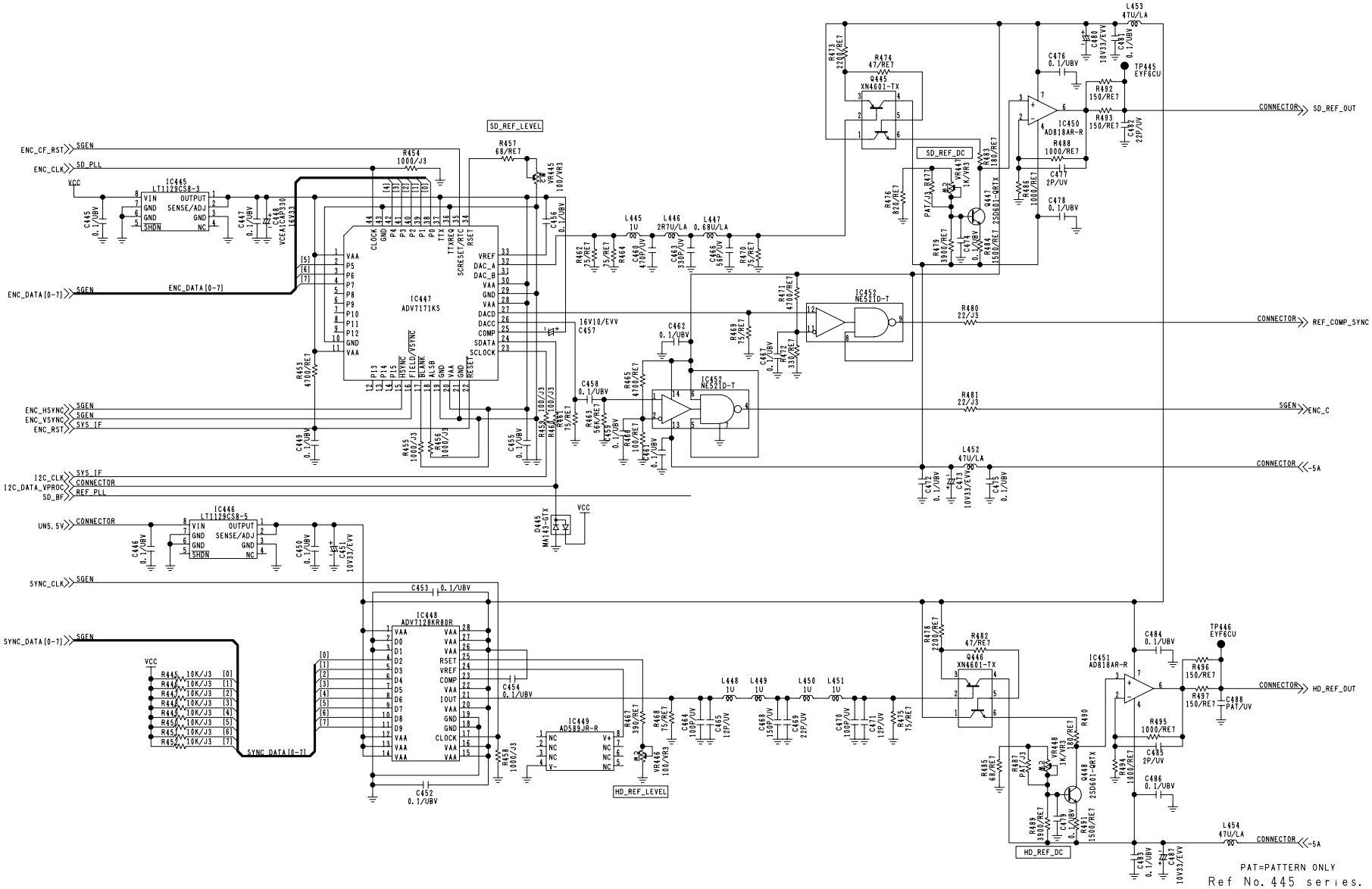
A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

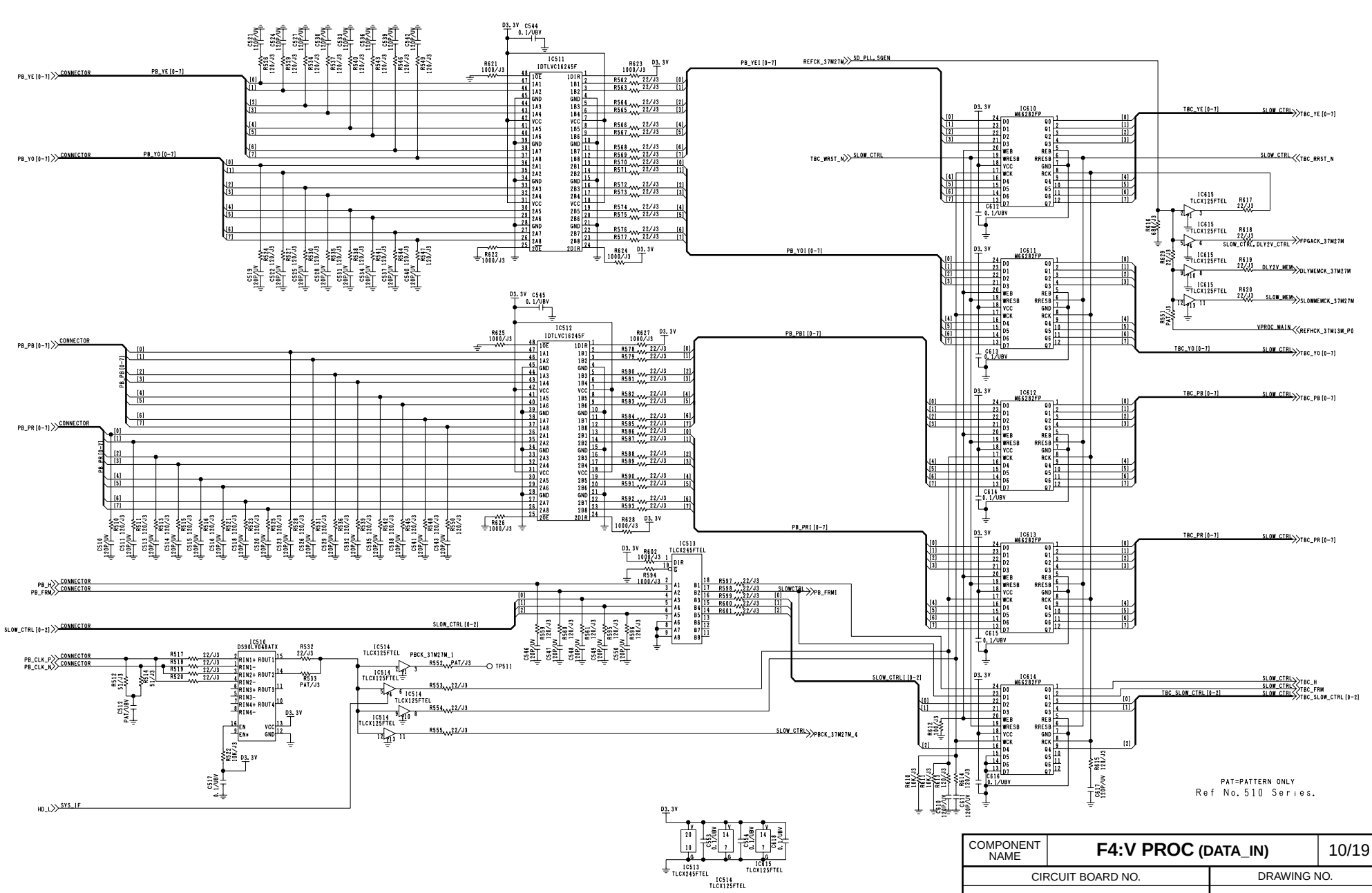

UN5.5V
CONNECTOR
IC365 XC62FP5002PR
C367 0.1/UBV
C371 0.1/UBV
D365 MA142K-GTX
IC370 TC7W125FUTL
IC360 10V33/EVN
C381 0.1/UBV
HD_FREQ60
HD_FREQ59
C389 0.1/UBV
+9A
L365 47U/LA
TP365 EYF6CU
C370 0.1/UBV
C374 16V22/EVN
VCC
IC370 TC7W125FUTL
HD_PLL_REF
SGEN
IC369 TVHT08FTEL
R365 470/RE7
TP366 EYF6CU
C375 0.01/UBV
R366 47K/RE7
IC367 TC7W53FUTL
IC371 NJM082BM-T1
HD_PLL_WIND
HD_PLL_INH_L
SYS_IF
-5A
L366 47U/LA
C372 0.1/UBV
C376 16V22/EVN
C384 0.1/UBV
VR365 5K/RJ8
VR366 5K/RJ8
R368 8200/RE7
R370 8200/RE7
R369 8200/RE7
R371 8200/RE7
C383 0.1/UBV
C390 0.1/UBV
IC368 TC7W53FUTL
IC371 NJM082BM-T1
C395 0.1/UBV
R373 1M/J3
R372 27K/RE7
C386 50V1/EVN
R374 1000/RE7
C387 100P/UV
TP367 EYF6CU
D366 MA142-GTX
X367 PAT/FCXV-01
HD60
X366 VSX1067
R376 560/RE7
HD59
X365 VSX0981
TG365 EYF6CU
X368 PAT/FCXV-01
R375 560/RE7
C393 0.1/UBV
C392 0.1/UBV
C391 0.1/UBV
C388 0.1/UBV
TP368 EYF6CU
R392 75/RE7
IC372 TLCX125FTEL
R382 22/J3
IC1165 DS90LV047ATX
R393 PAT/J3
R394 22/J3
R395 PAT/J3
R396 22/J3
CONNECTOR
HD_REF_CLK_N
HD_REF_CLK_P
IC373 TLCX125FTEL
R383 22/J3
R378 PAT/J3
R379 22/J3
SGEN
REC_PB_74M
SYS_IF
REF_L
IC374 TLCX125FTEL
R377 22/J3
HD_74M
R384 10K/J3
VDD
HD59_L
R385 10K/J3
HD60_L
IC375 TLCX125FTEL
R386 PAT/J3
UPDOWN_CONV
UD_74M
R387 22/J3
R380 22/J3
OUTPUT_74M
R381 22/J3
VPROC_MAIN
MCK_74M27M
HD_L
REC_PB_CLK
R388 22/J3
R389 PAT/J3
R390 PAT/J3
R391 22/J3
REC_PB_CLK_P
REC_PB_CLK_N
IC376 DS90LV047ATX
IC366 XC62FP3302PR
C368 0.1/UBV
C377 0.1/UBV
IC378 10V33/EVN
C385 0.1/UBV
C382 0.1/UBV
A33_JP2
A33_JP1
SD_PLL
UPDOWNCON
JP
C386 0.01U
C394 0.01U
C395 0.01U
C396 0.01U
C373 0.1/UBV
C379 0.1/UBV
VCKD035103KB
R367 10K/J3
IC373 TLCX125FTEL
IC375 TLCX125FTEL
IC372 TLCX125FTEL
IC374 TLCX125FTEL
PAT=PATTERN ONLY
Ref No. 365 Series.
COMPONENT NAME
F4:V PROC (HD_PLL)
07/19
CIRCUIT BOARD NO.
VEP83465C
DRAWING NO.
KR3X34 (7/19)-1 (1)
SCM049



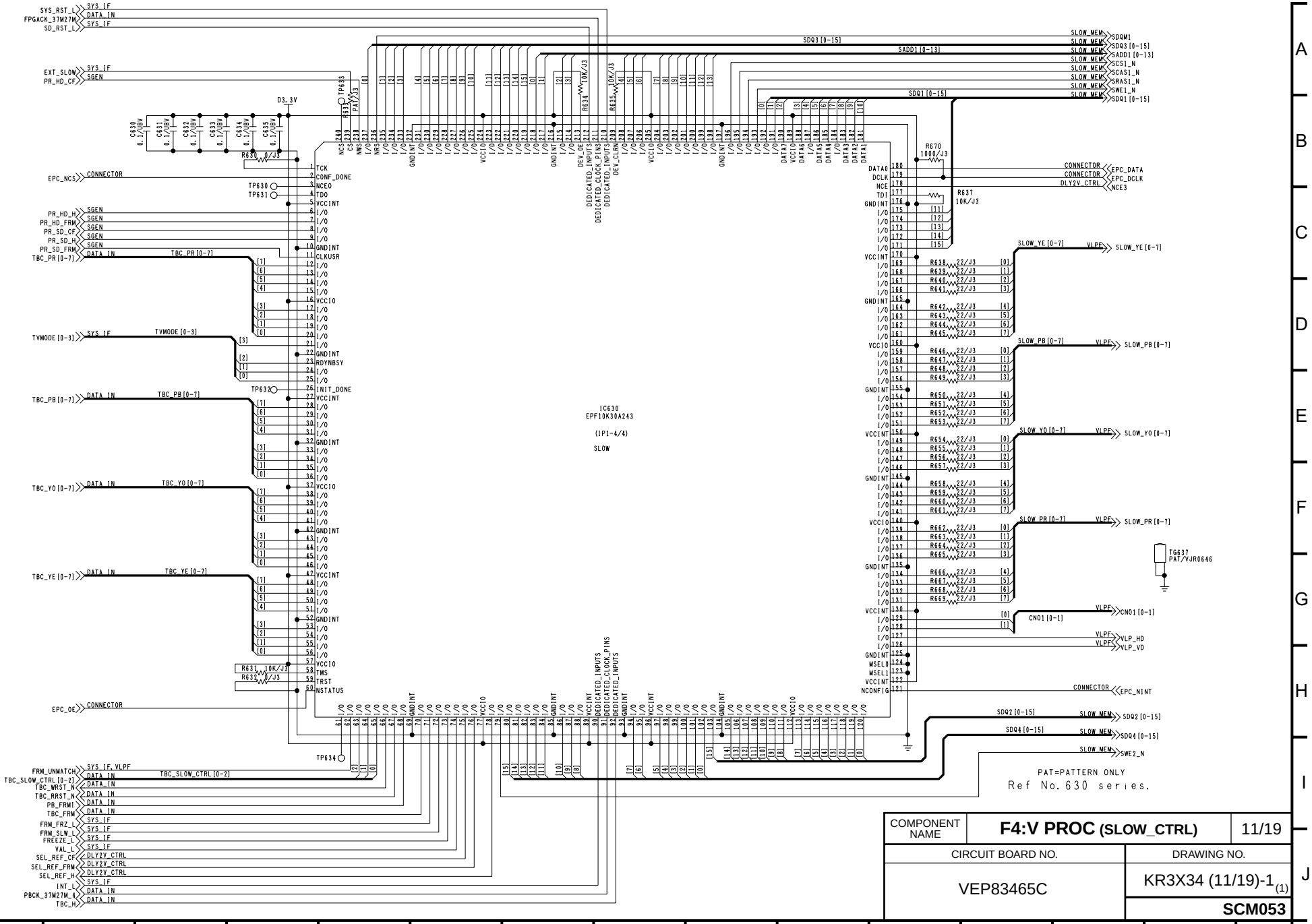
COMPONENT NAME	F4:V PROC (SD_PLL)	08/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (8/19)-1 (1)
		SCM050



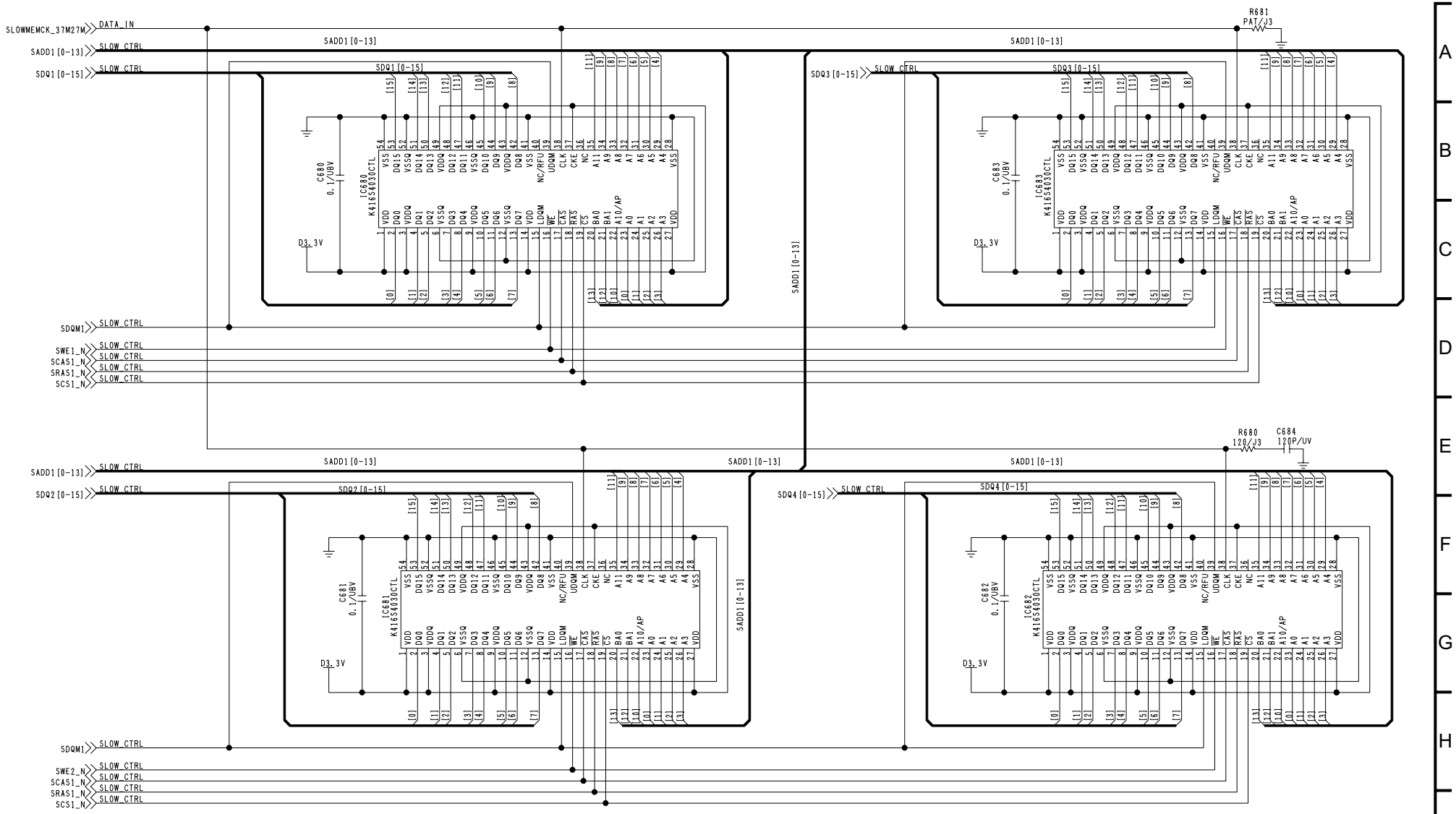
COMPONENT NAME	F4:V PROC (REF_OUT)	09/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (9/19)-1 (1)	
	SCM051	



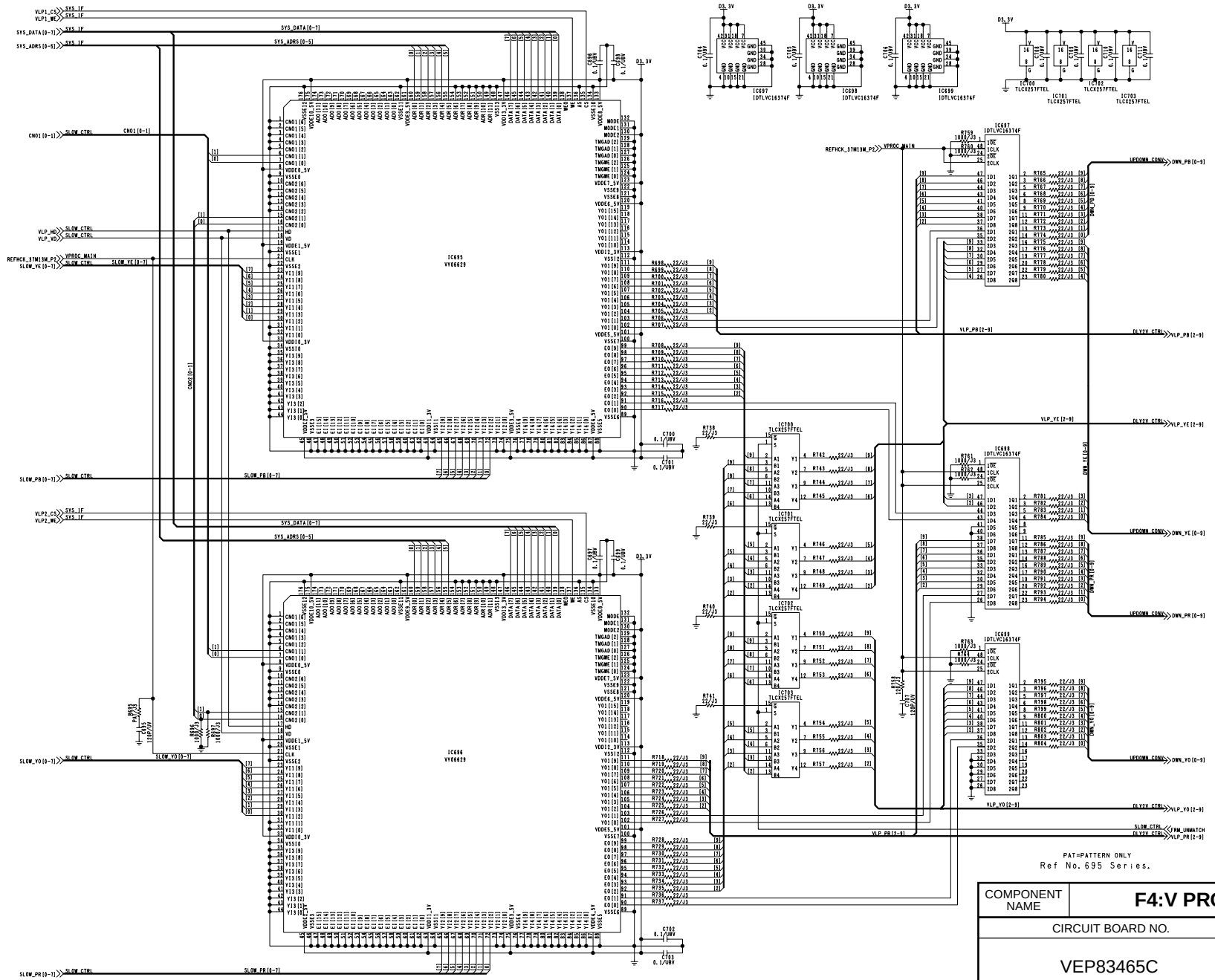
COMPONENT NAME	**F4:V PROC (DATA_IN)**	10/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (10/19)-1(1)
		SCM052



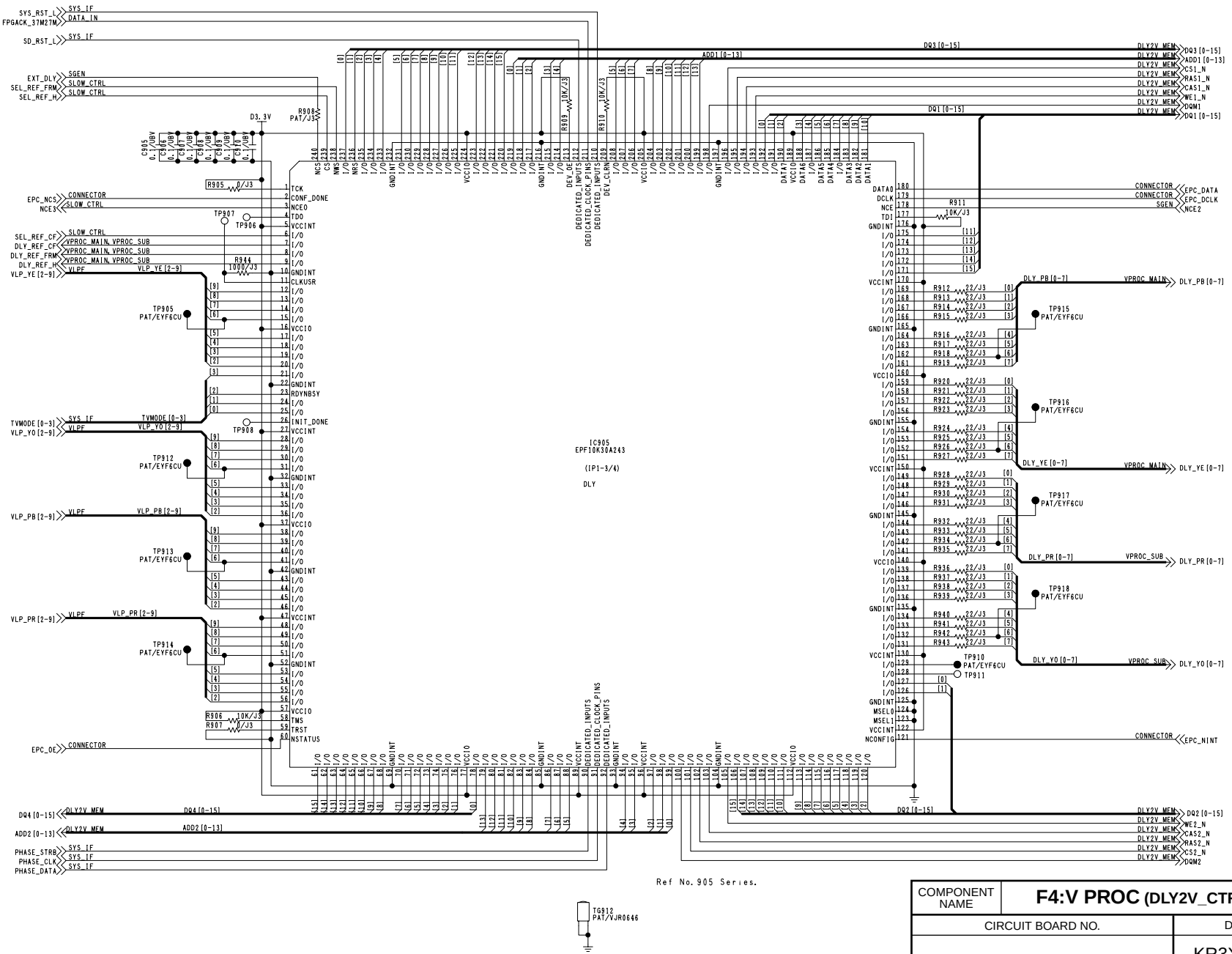
COMPONENT NAME	**F4:V PROC (SLOW_CTRL)**	11/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (11/19)-1 (1)	
	SCM053	



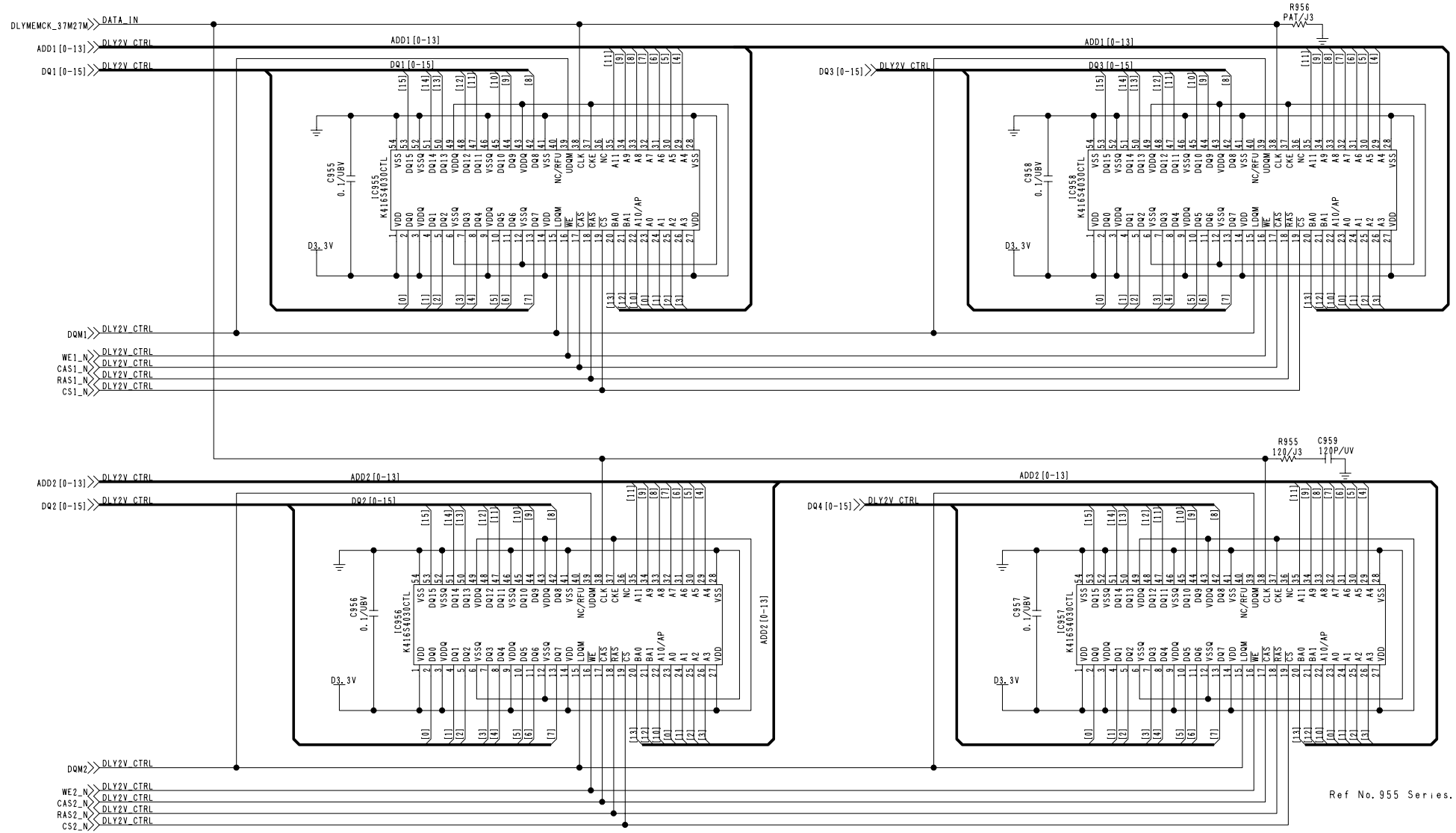
COMPONENT NAME	F4:V PROC (SLOW_MEM)	12/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (12/19)-1(1)	
	SCM054	



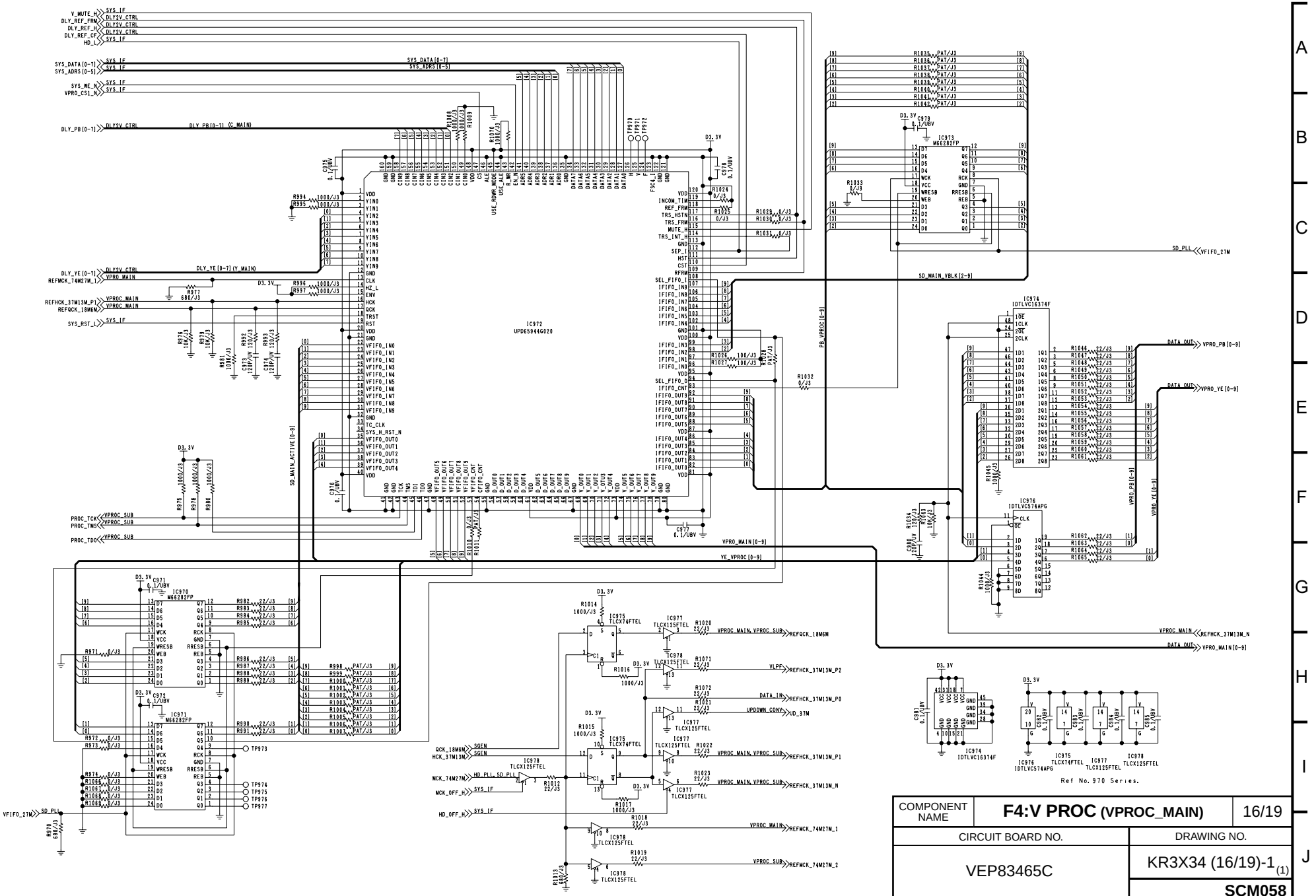
COMPONENT NAME	**F4:V PROC (VLPF)**	13/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (13/19)-1(1)
		SCM055



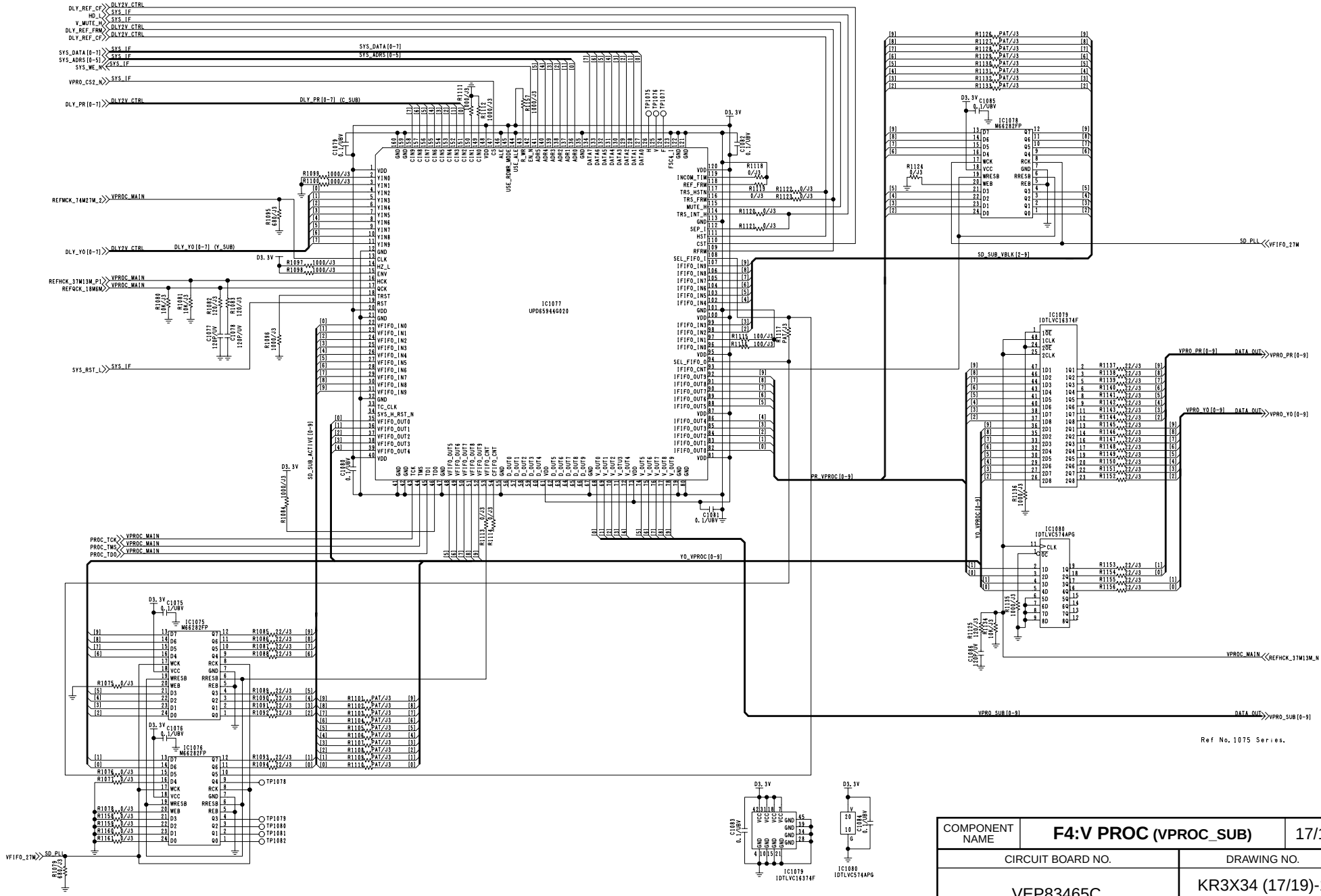
COMPONENT NAME	**F4:V PROC (DLY2V_CTRL)**	14/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (14/19)-1(1)
		SCM056



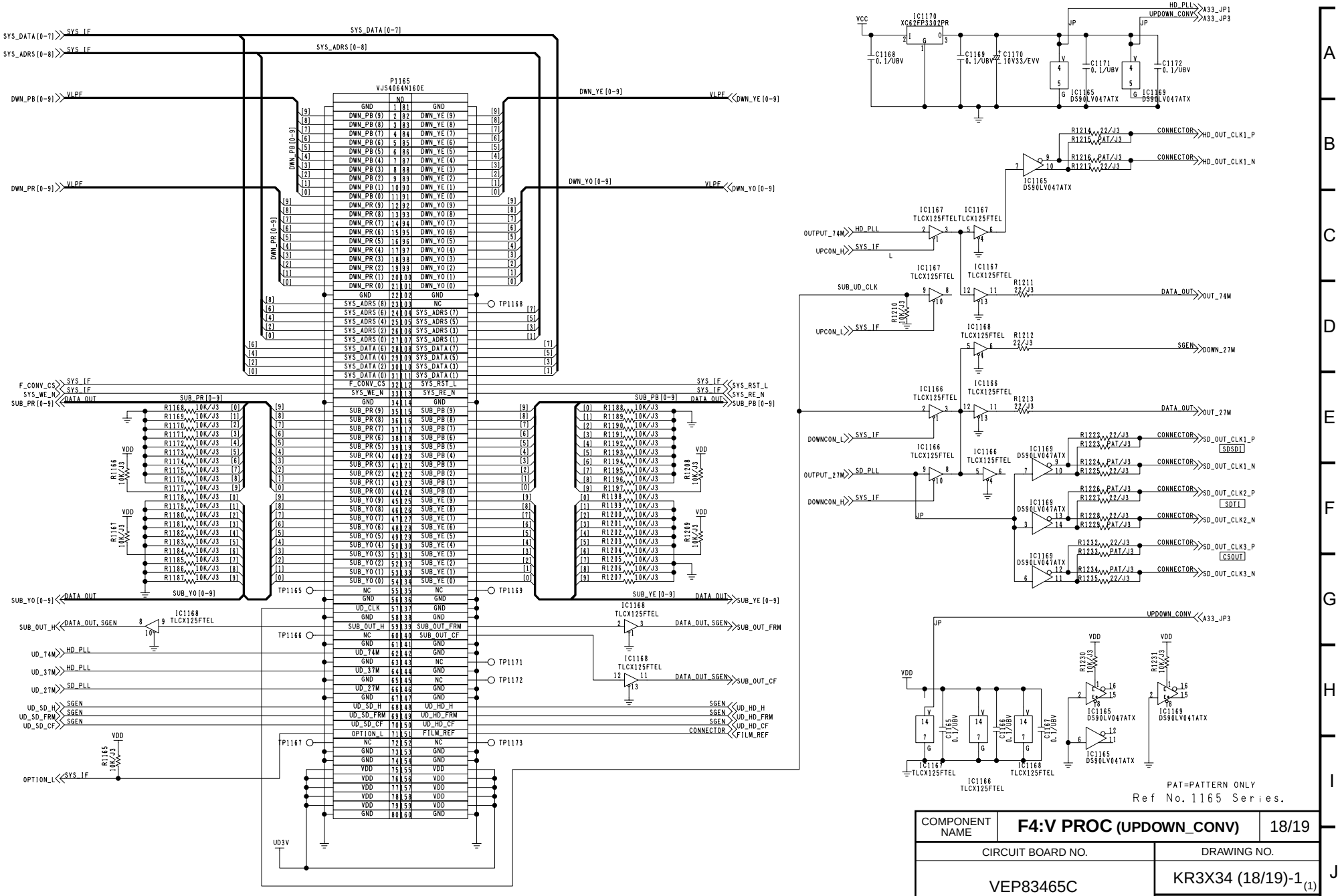
COMPONENT NAME	**F4:V PROC (DLY2V_MEM)**	15/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (15/19)-1 (1)
		SCM057



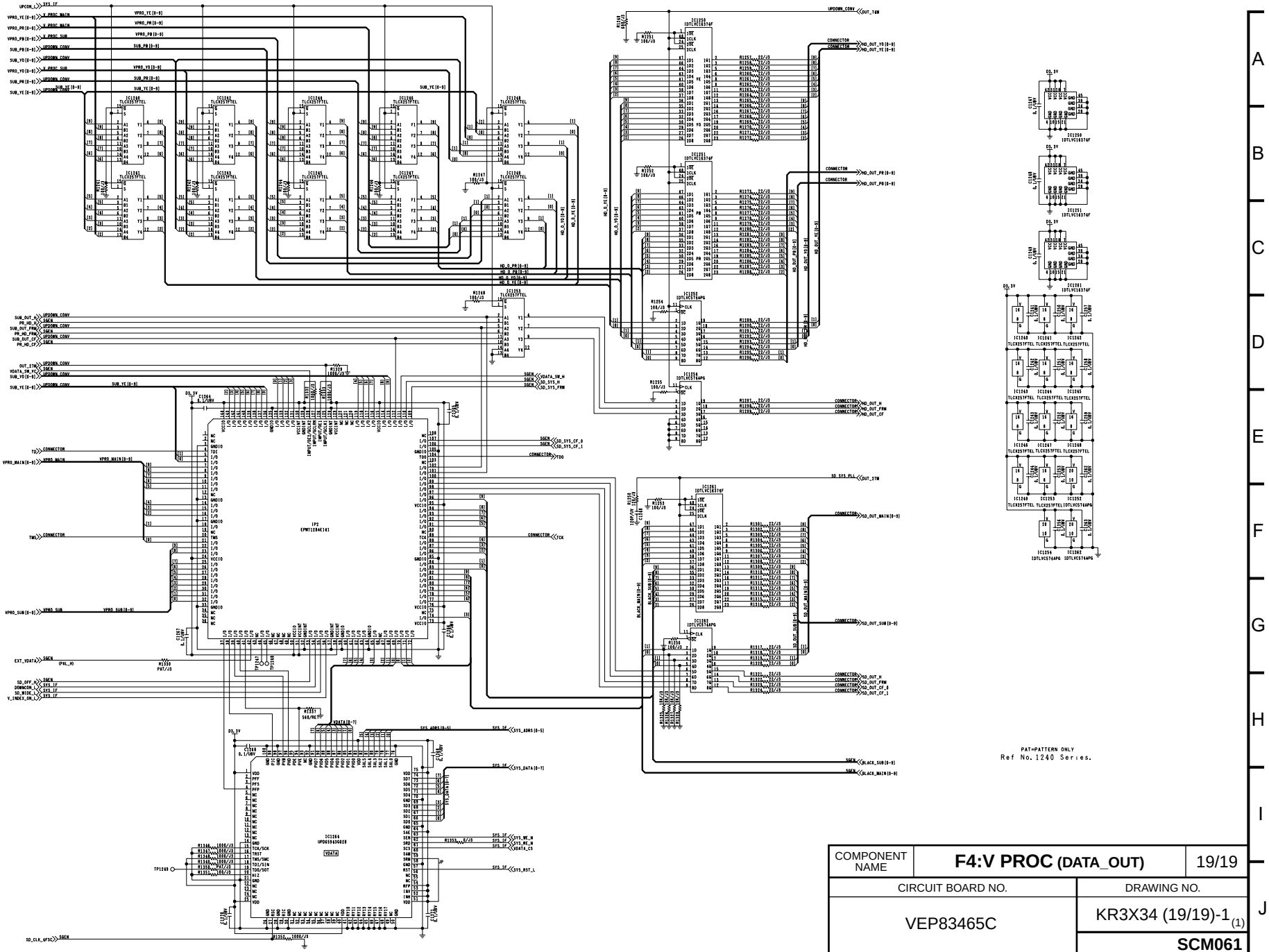
COMPONENT NAME	**F4:V PROC (VPROC_MAIN)**	16/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (16/19)-1(1)
		SCM058



COMPONENT NAME	**F4:V PROC (VPROC_SUB)**	17/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (17/19)-1(1)	
	SCM059	

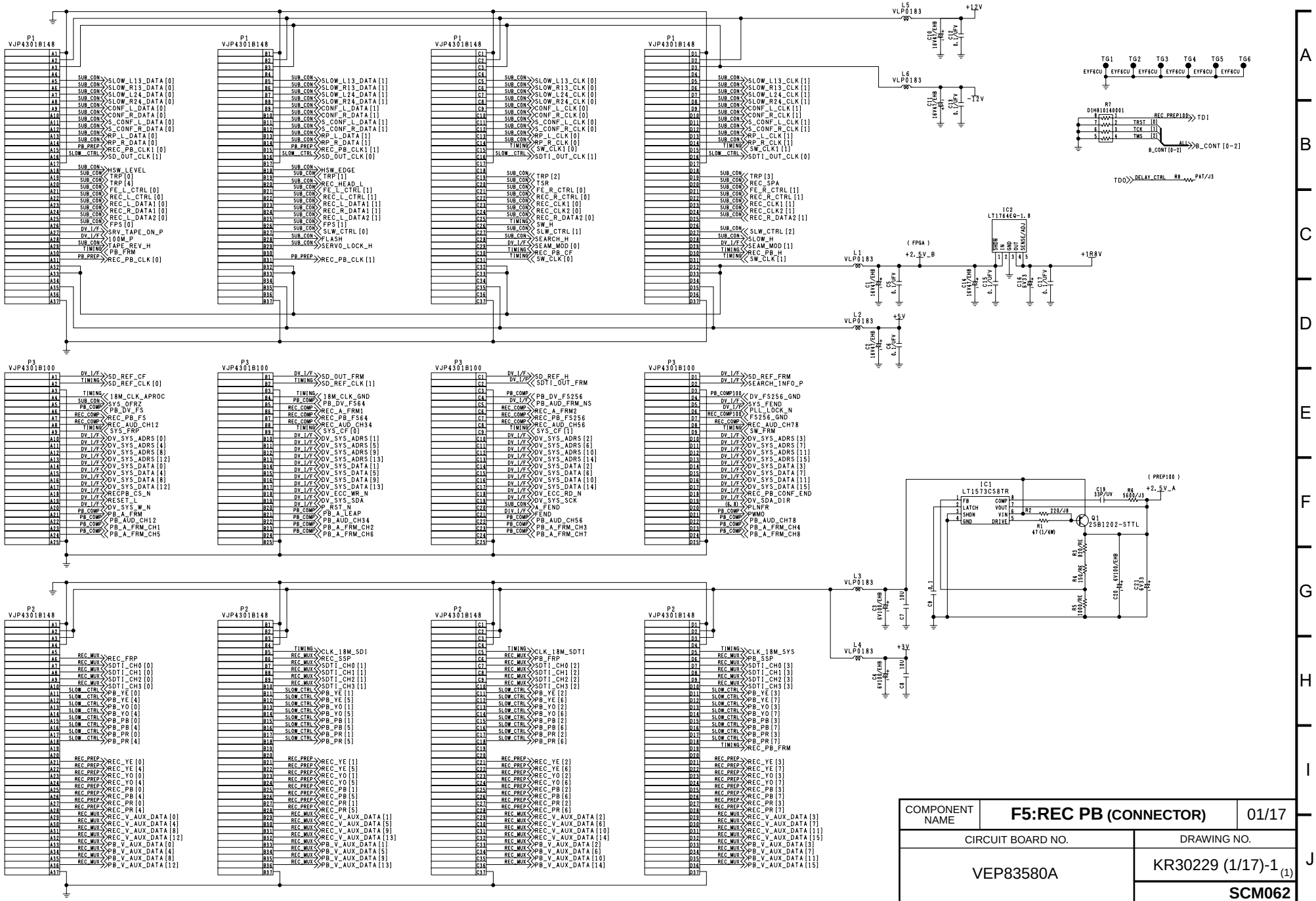


COMPONENT NAME	F4:V PROC (UPDOWN_CONV)	18/19
CIRCUIT BOARD NO.		DRAWING NO.
VEP83465C		KR3X34 (18/19)-1(1)
		SCM060

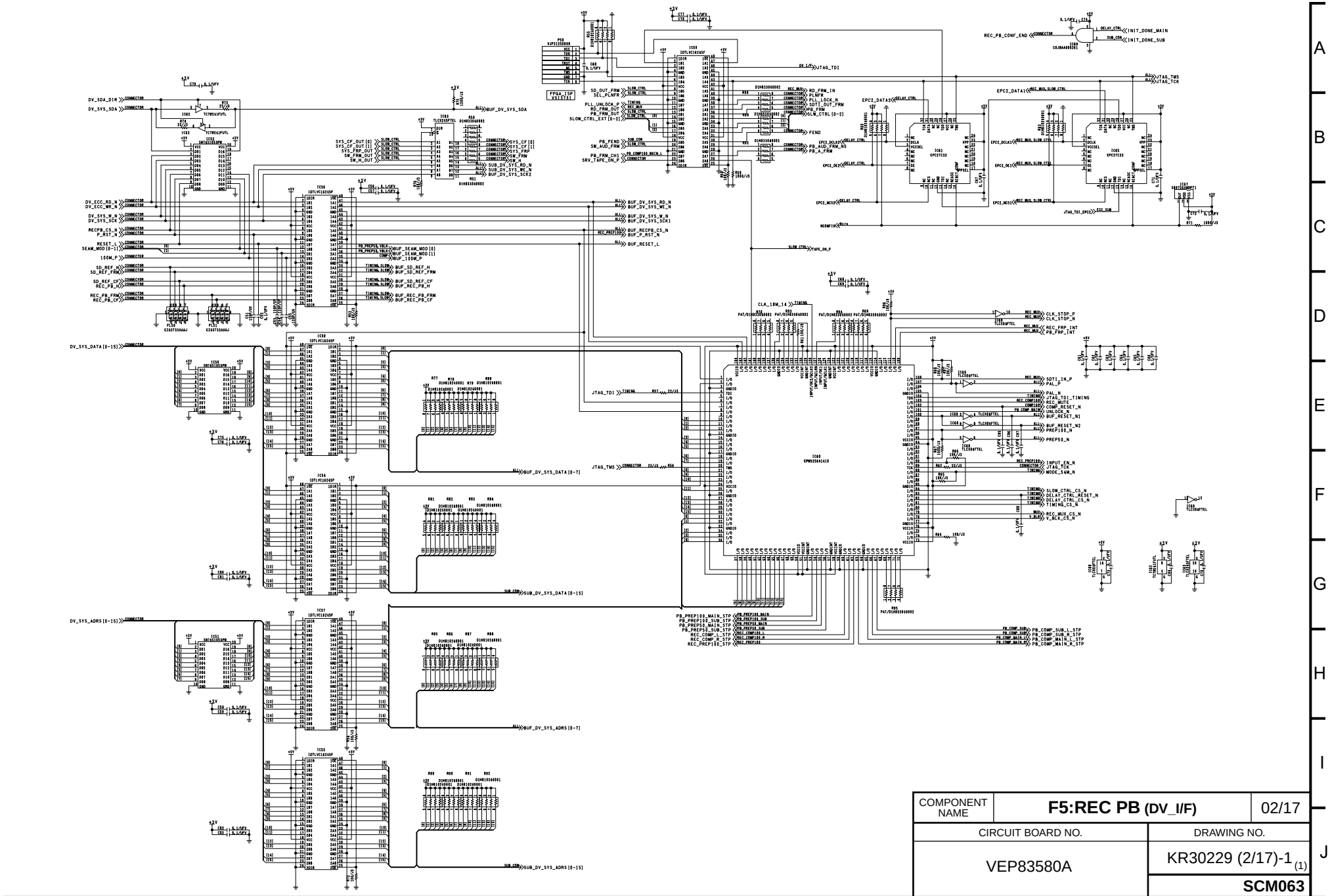


PAT=PATTERN ONLY
Ref No. 1240 Series.

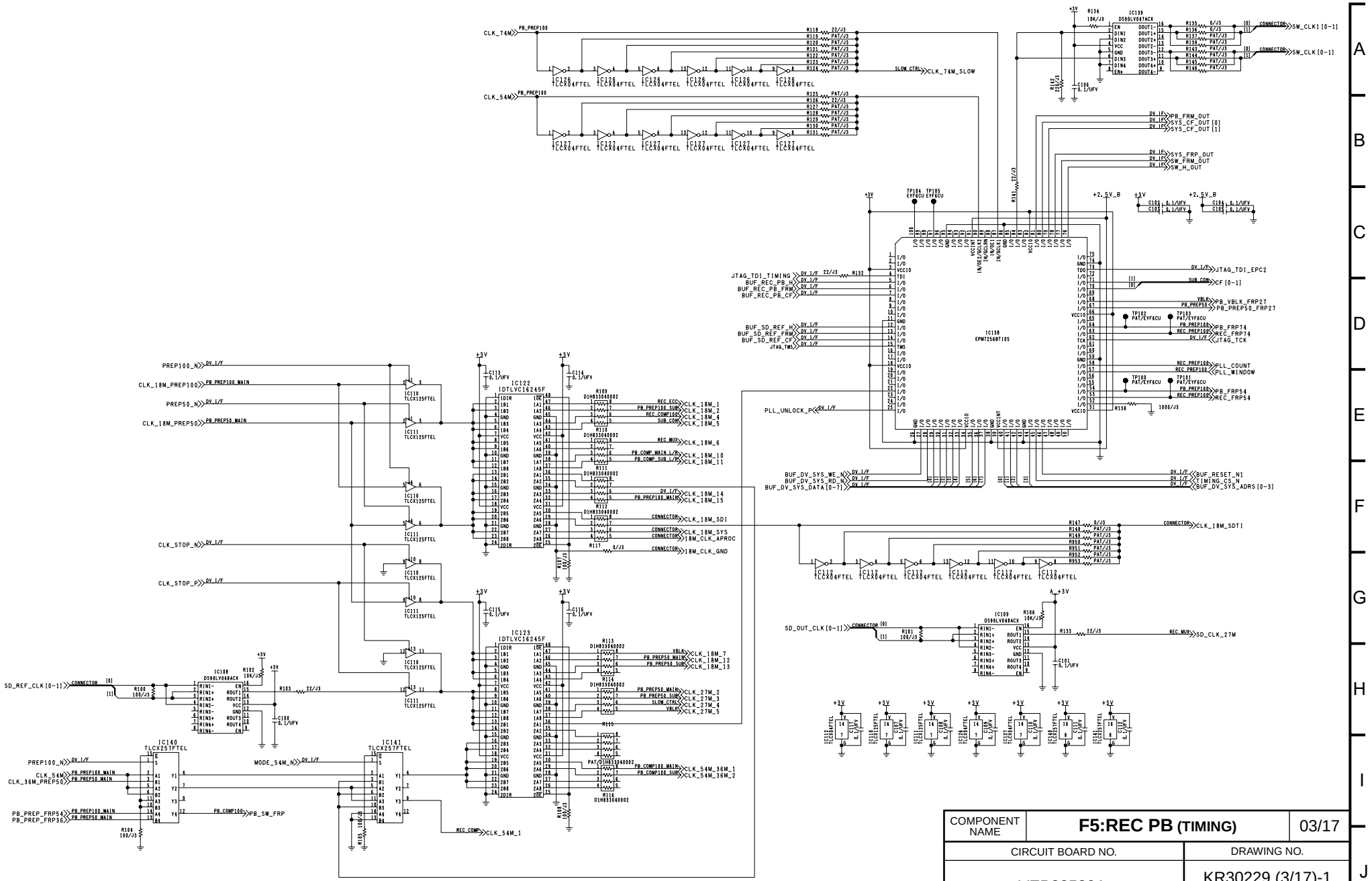
COMPONENT NAME	**F4:V PROC (DATA_OUT)**	19/19
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83465C	KR3X34 (19/19)-1(1)	
	SCM061	



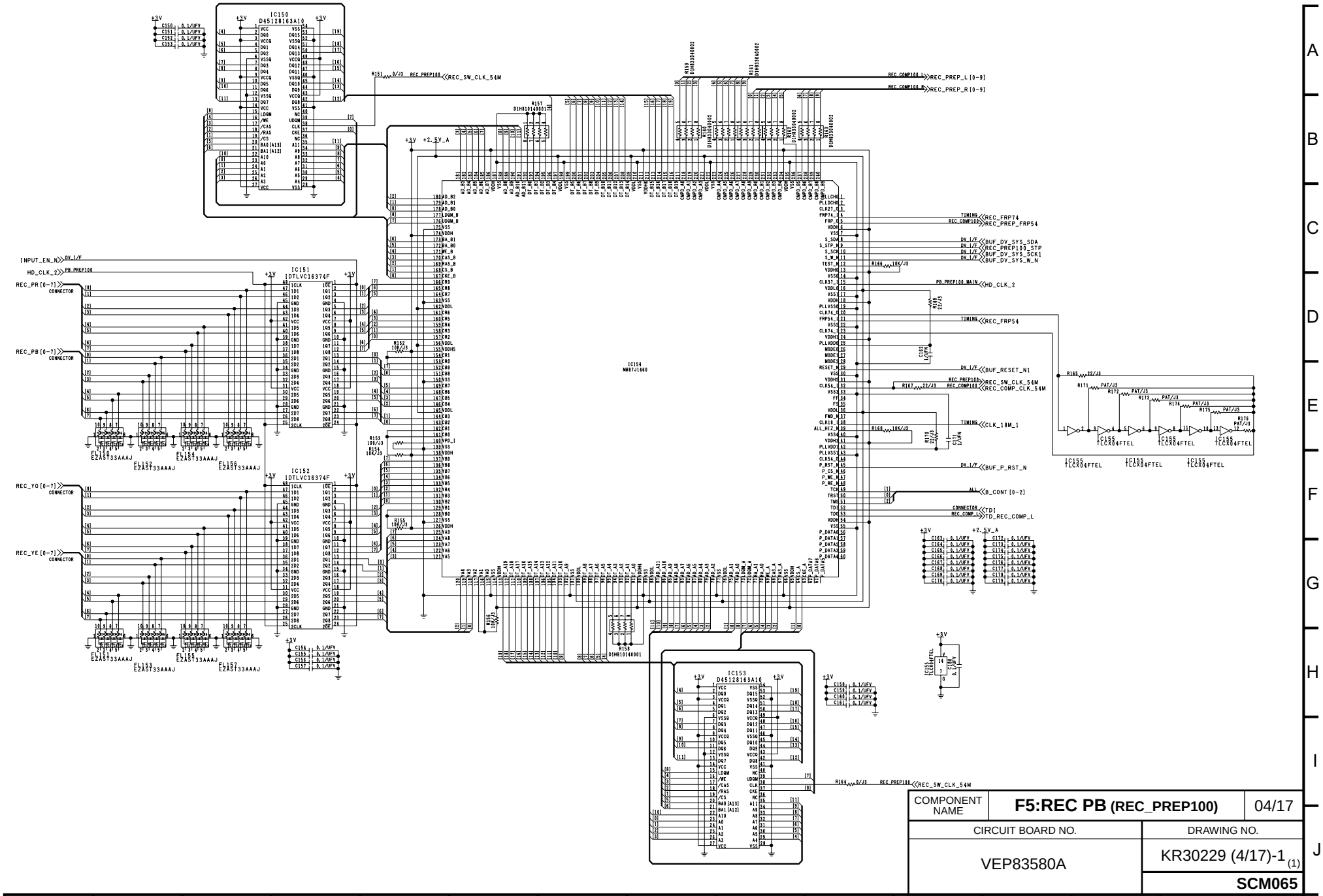
COMPONENT NAME	F5:REC PB (CONNECTOR)	01/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (1/17)-1 (1)
		SCM062

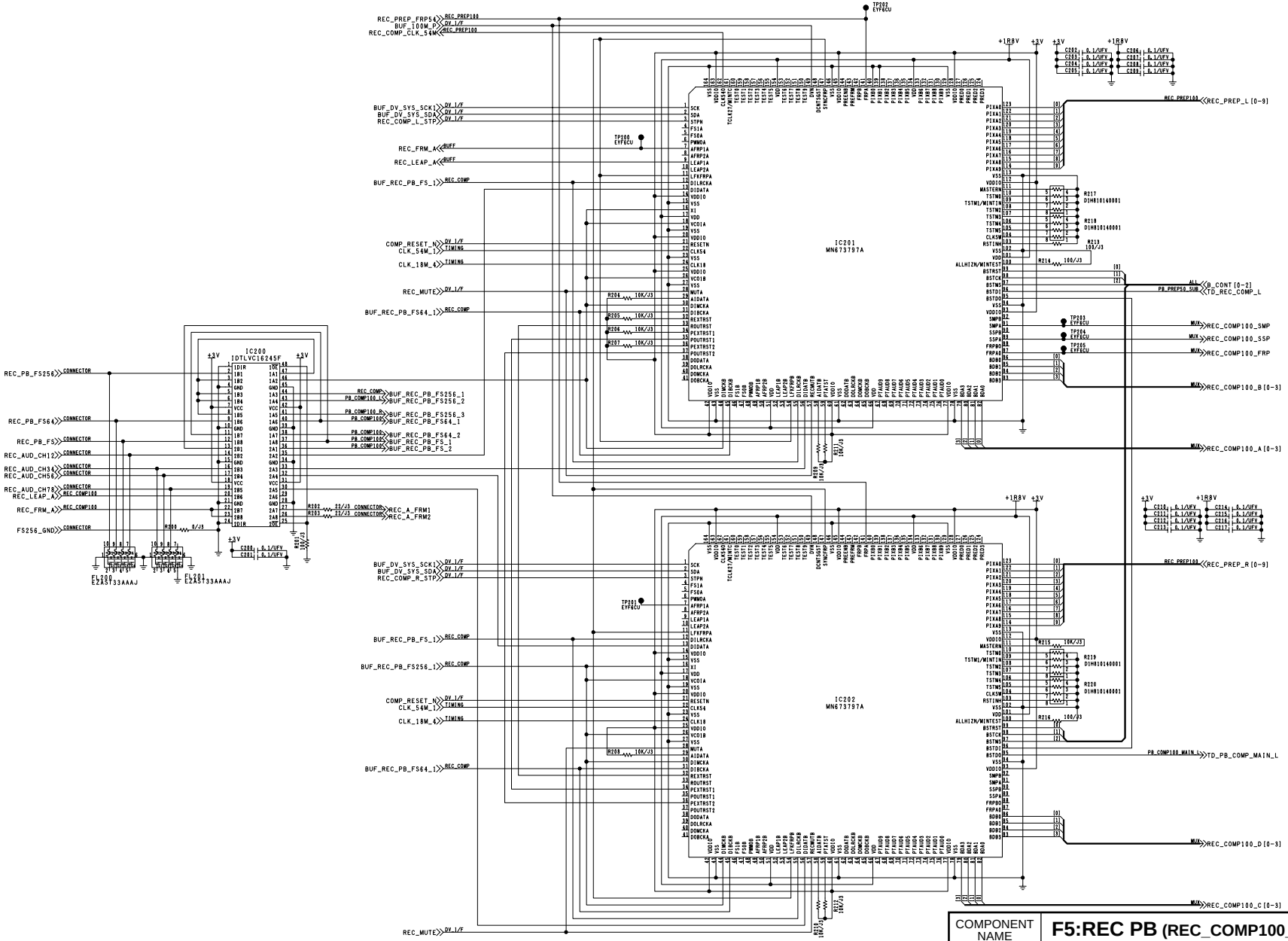


COMPONENT NAME	**F5:REC PB (DV_I/F)**	02/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (2/17)-1 (1)
		SCM063

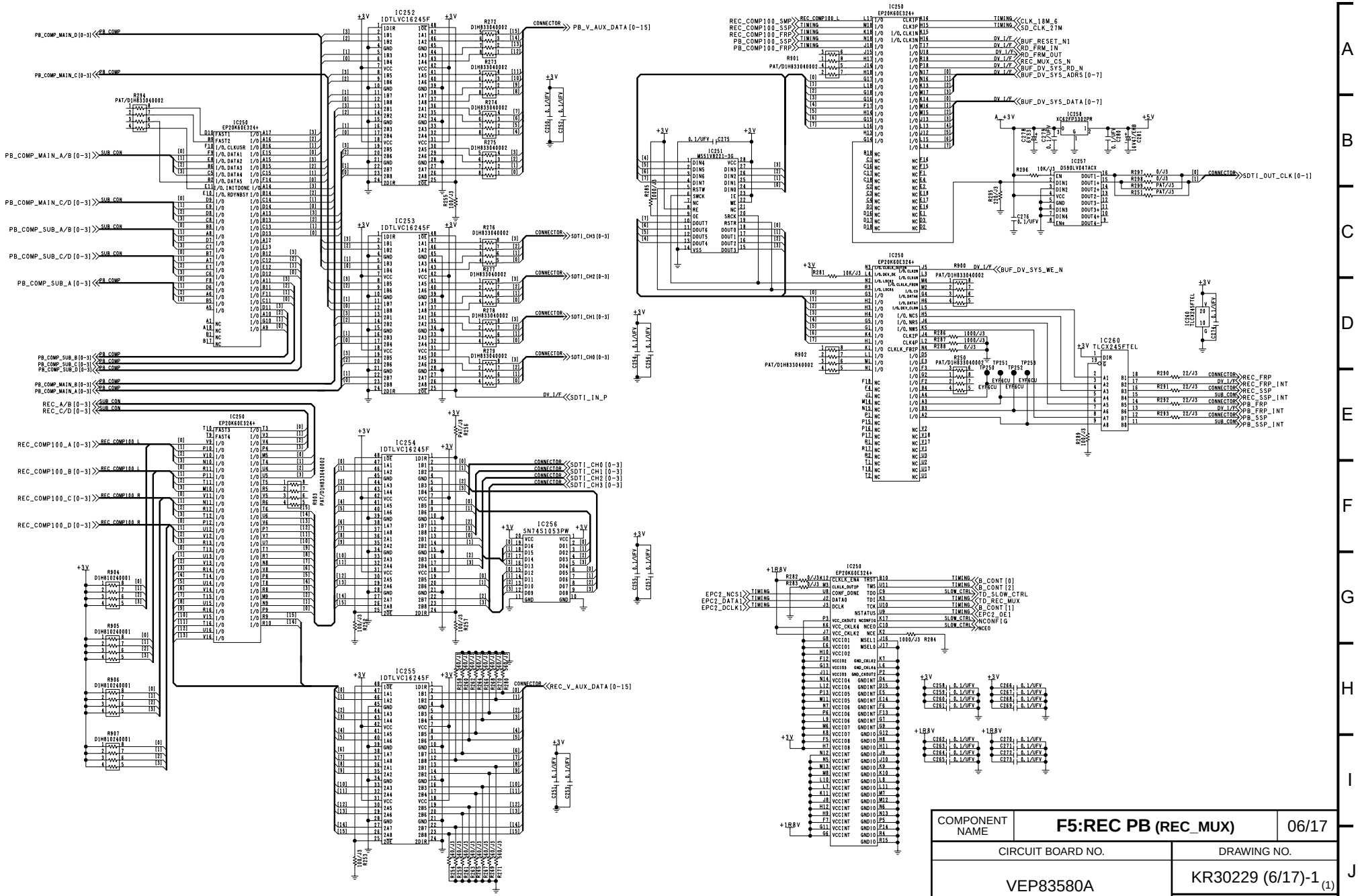


COMPONENT NAME	**F5:REC PB (TIMING)**	03/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (3/17)-1 (1)
		SCM064

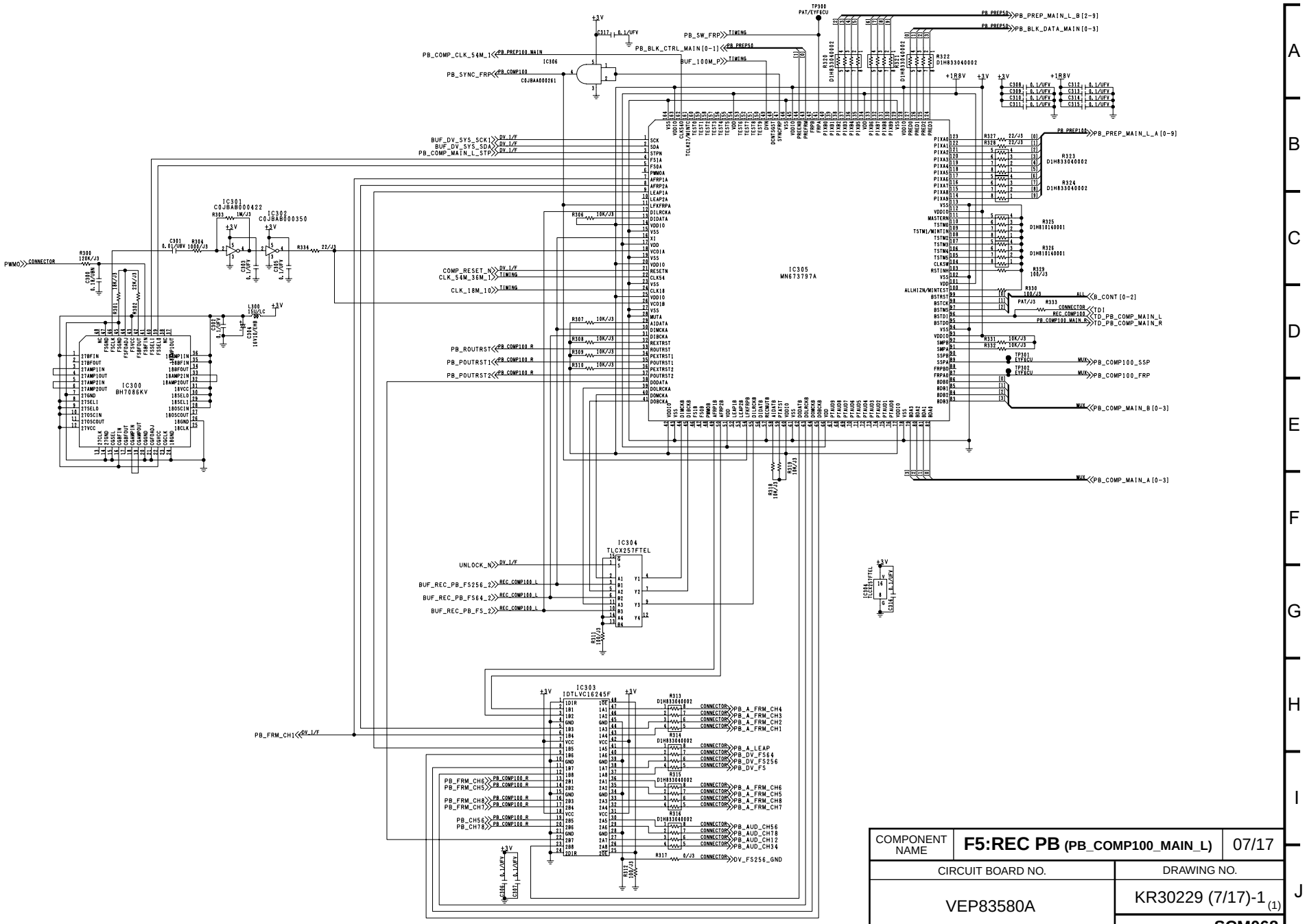

IC150
D45128163A10
IC151
IDTLVC16374F
IC152
IDTLVC16374F
IC153
D45128163A10
IC154
MN87471460
REC_SW_CLK_54M
REC_PREP_L [0-9]
REC_PREP_R [0-9]
REC_FRP74
REC_PREP_FRP54
REC_FRP54
BUF_DV_SYS_SDA
REC_PREP100_STP
BUF_DV_SYS_SCK1
BUF_DV_SYS_W_N
HD_CLK_2
BUF_RESET_N1
REC_SW_CLK_54M
REC_COMP_CLK_54M
CLK_18M_1
BUF_P_RST_N
B_CONT [0-2]
TDI
TD_REC_COMP_L
INPUT_EN_N
REC_PR [0-7]
REC_PB [0-7]
REC_YO [0-7]
REC_YE [0-7]
CONNECTOR
EZAST33AAAJ
LCX04FTEL
COMPONENT NAME
F5:REC PB (REC_PREP100)
04/17
CIRCUIT BOARD NO.
VEP83580A
DRAWING NO.
KR30229 (4/17)-1 (1)
SCM065



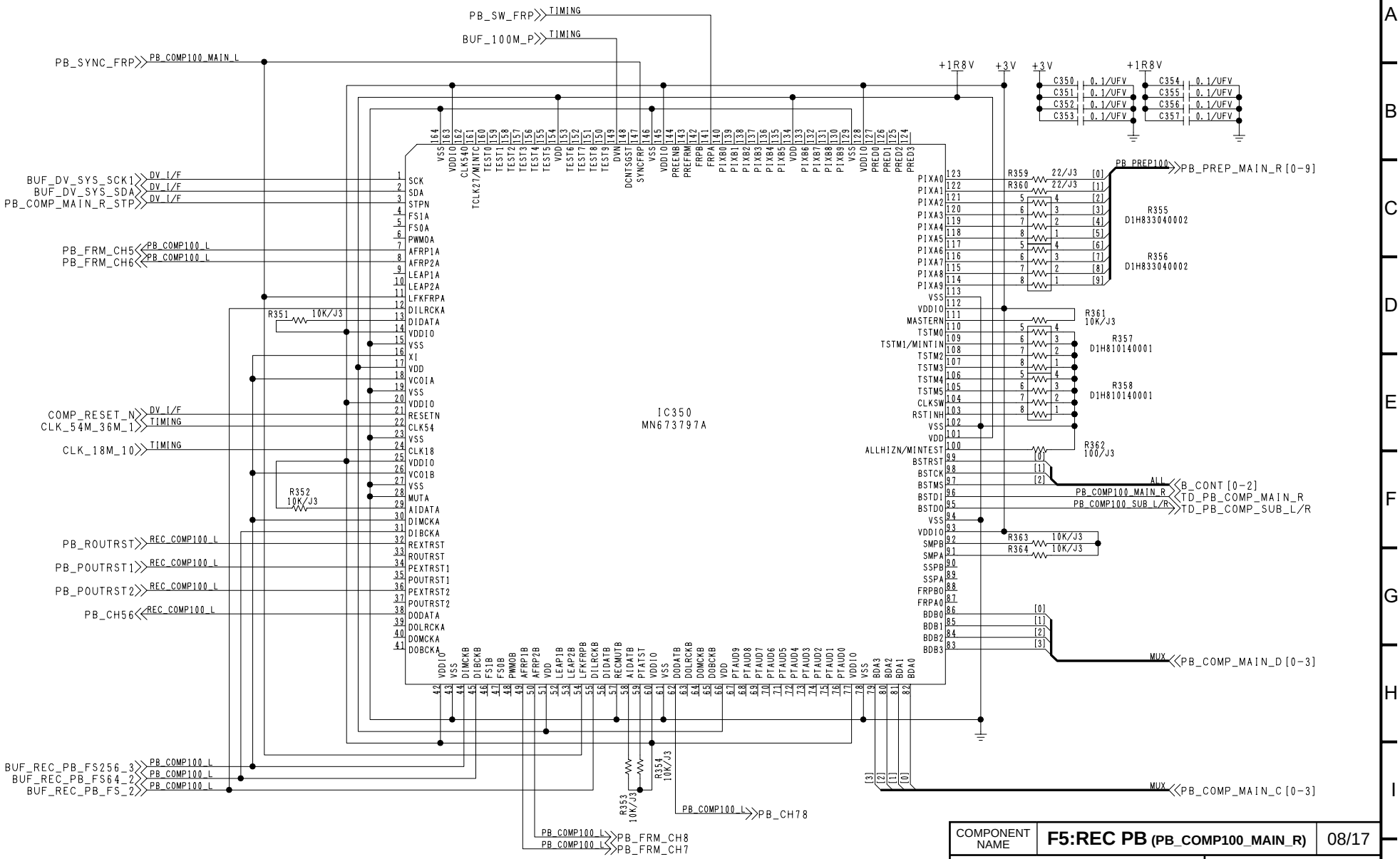
COMPONENT NAME	**F5:REC PB (REC_COMP100_L/R)**	05/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (5/17)-1 (1)	
	SCM066	



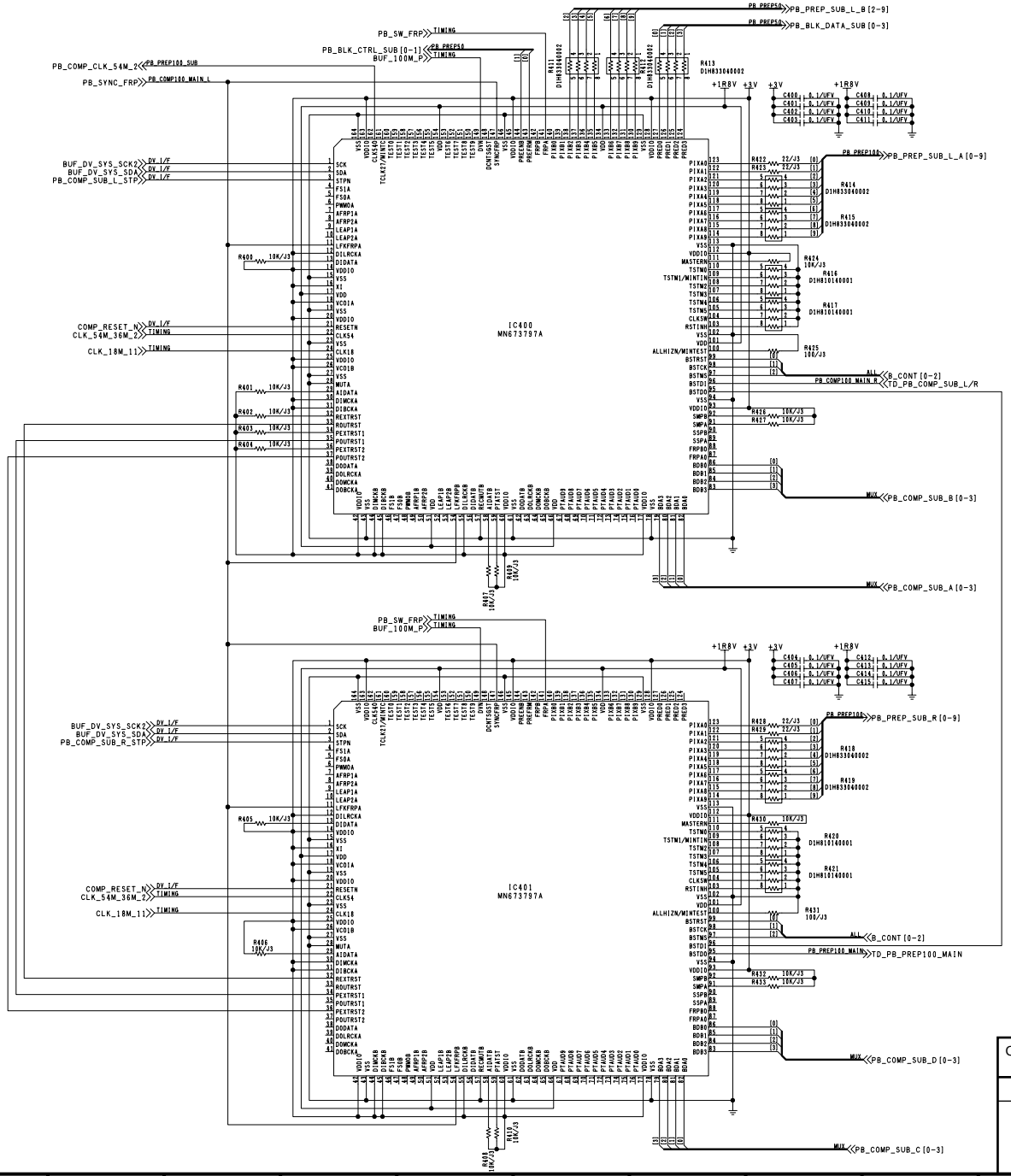
COMPONENT NAME	**F5:REC PB (REC_MUX)**	06/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (6/17)-1 (1)	
	SCM067	



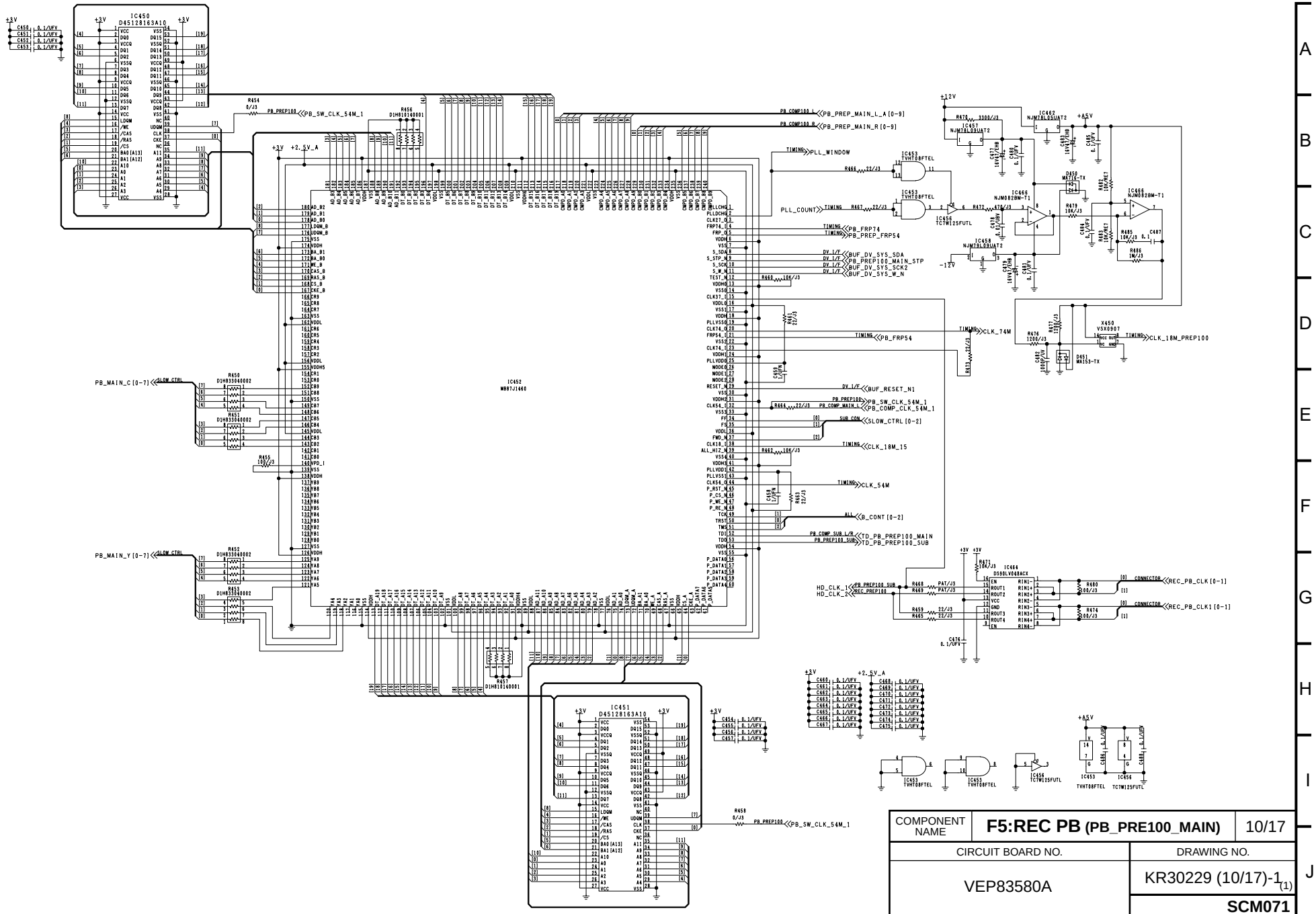
COMPONENT NAME	**F5:REC PB (PB_COMP100_MAIN_L)**	07/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (7/17)-1 (1)	
	SCM068	



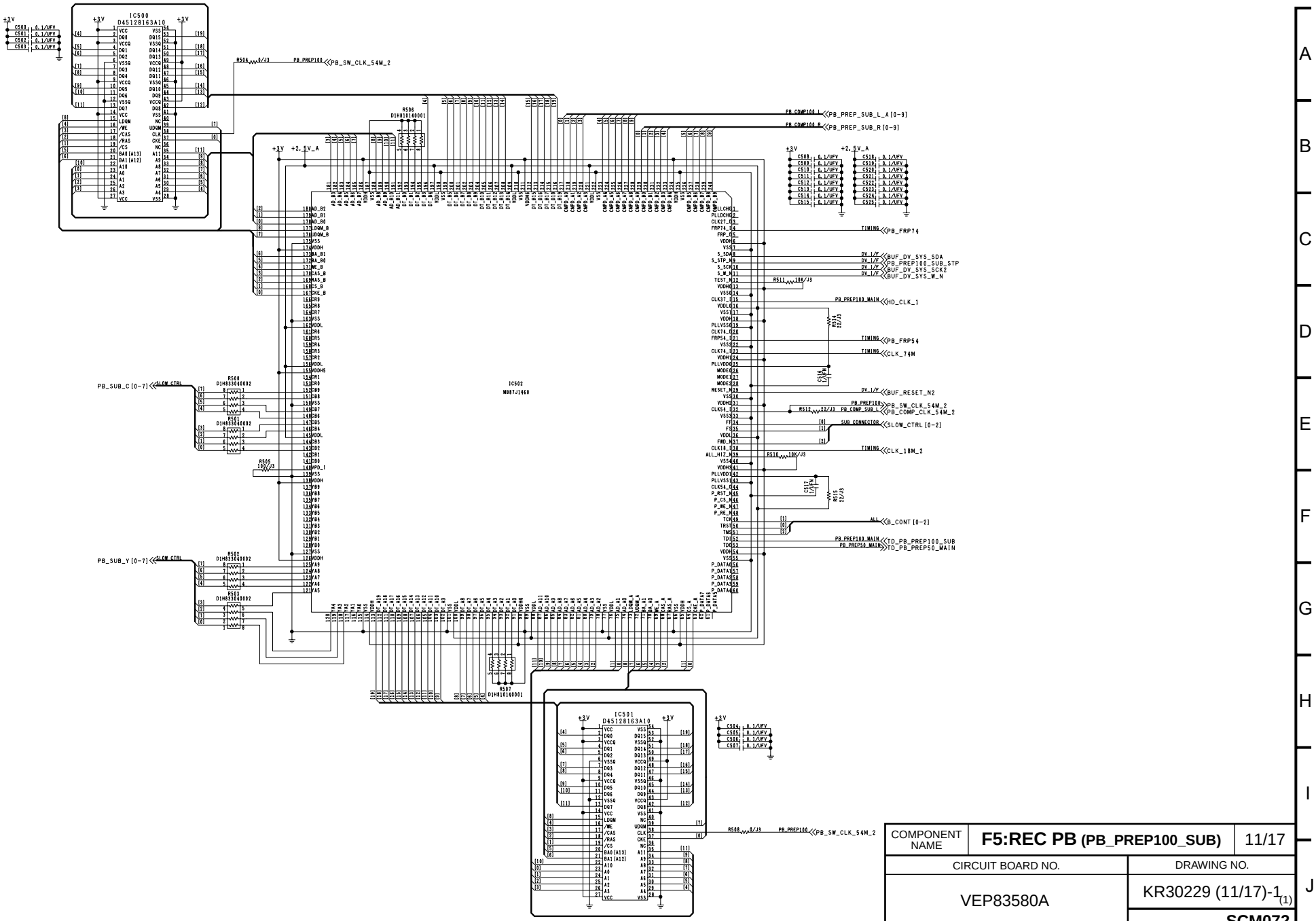
COMPONENT NAME	F5:REC PB (PB_COMP100_MAIN_R)	08/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (8/17)-1 (1)
		SCM069



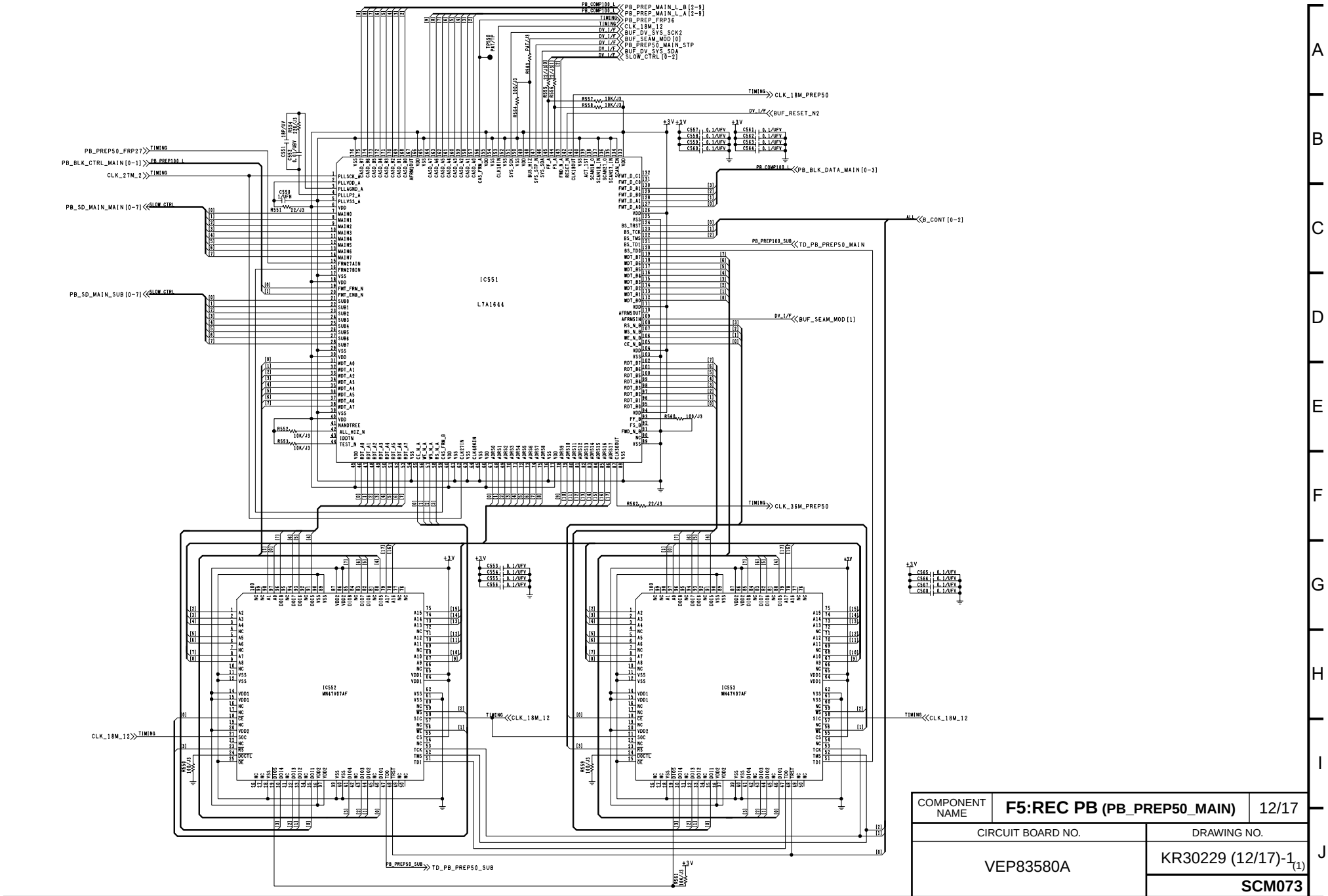
COMPONENT NAME	**F5:REC PB (PB_COMP100_SUB_L/R)**	09/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (9/17)-1 (1)	
	SCM070	



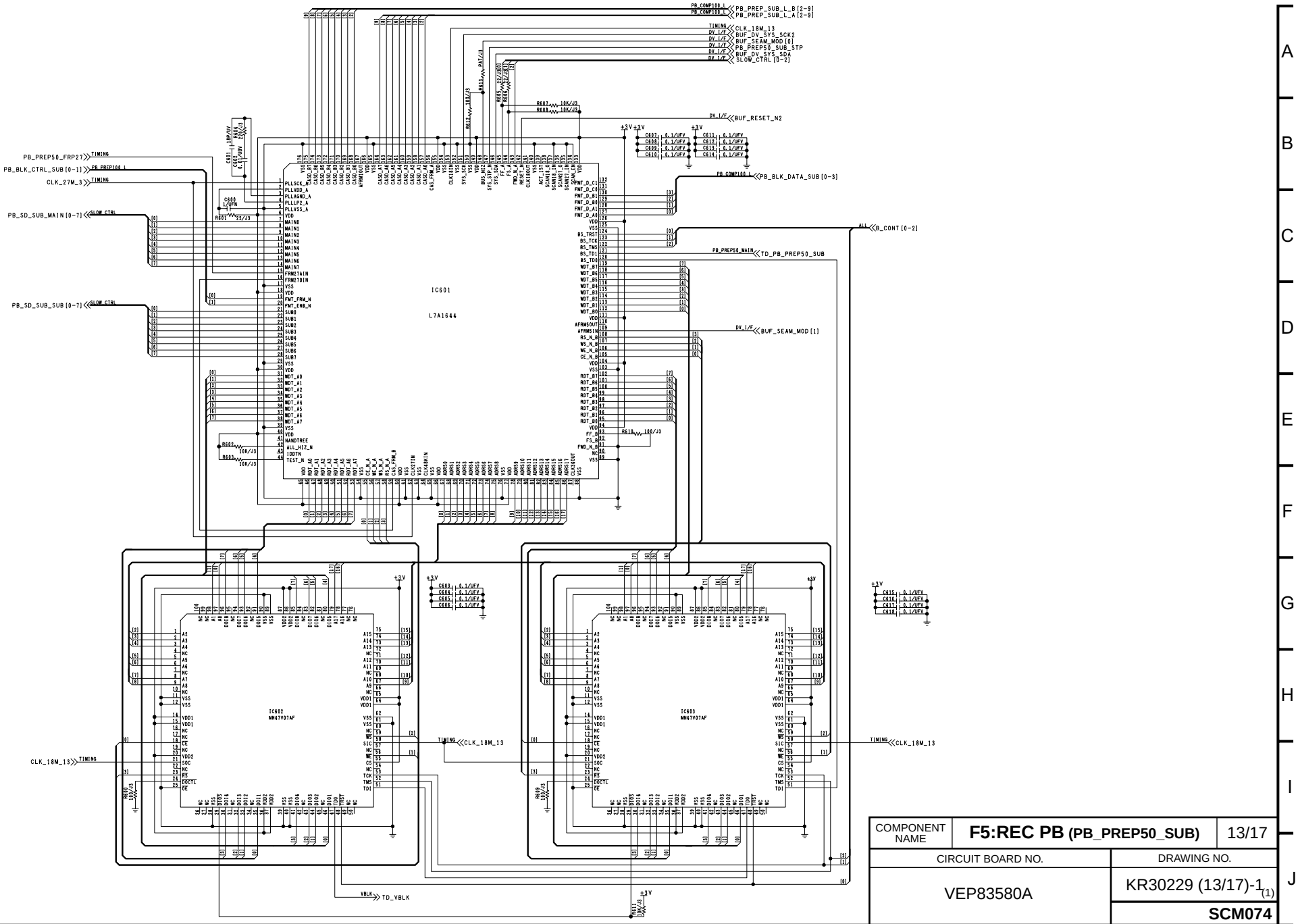
COMPONENT NAME	**F5:REC PB (PB_PRE100_MAIN)**	10/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (10/17)-1(1)
		SCM071



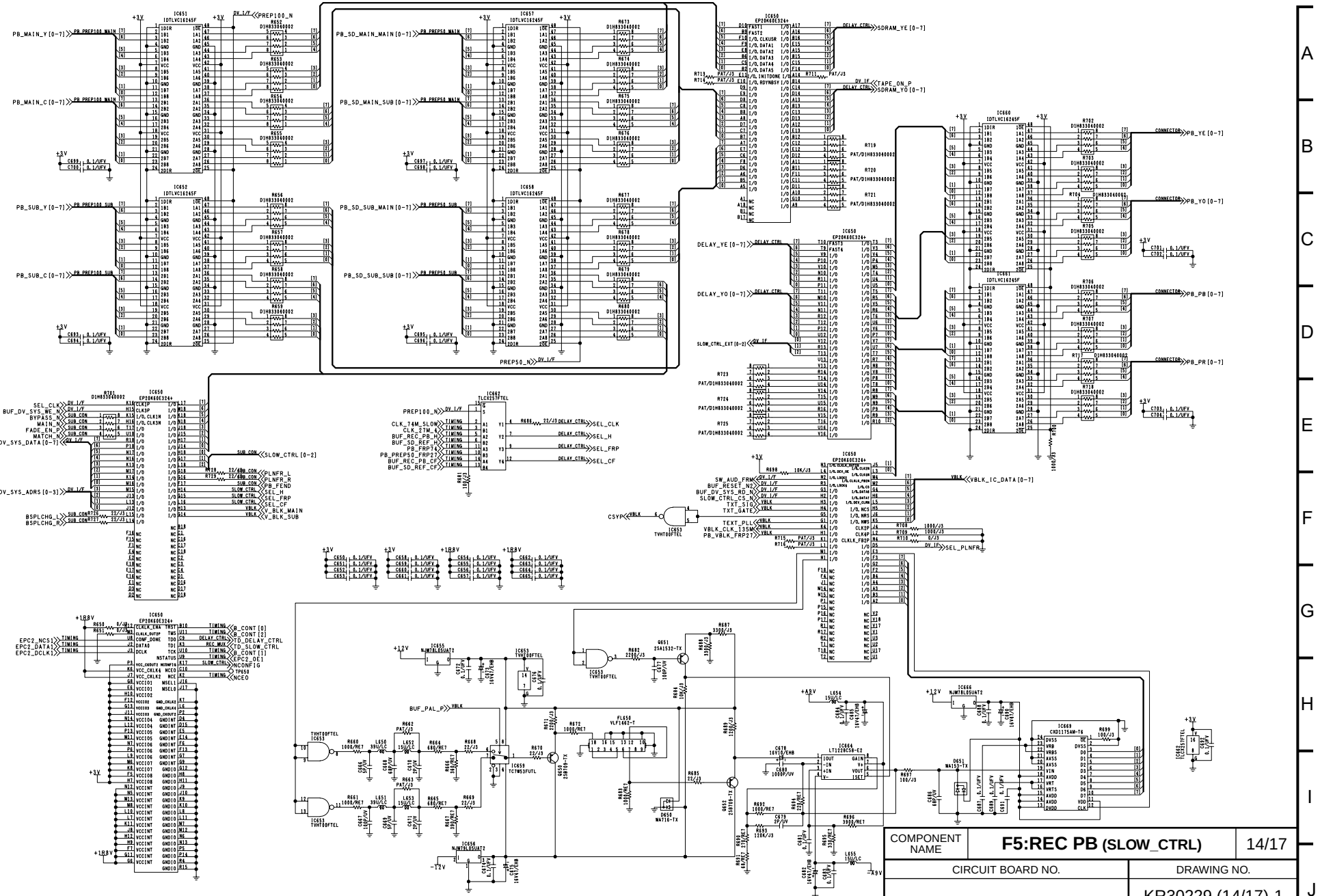
COMPONENT NAME	**F5:REC PB (PB_PREP100_SUB)**	11/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (11/17)-1(1)
		SCM072



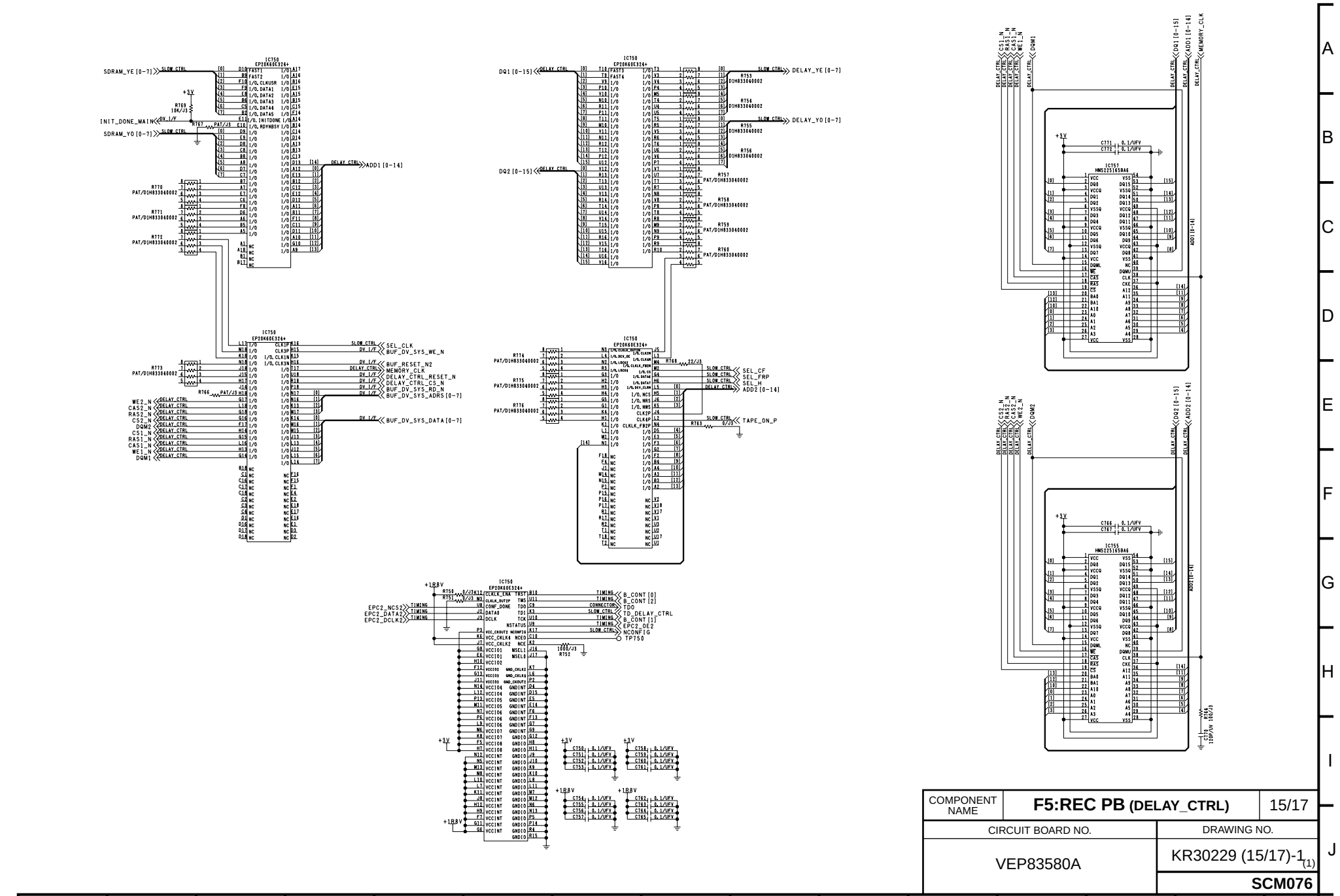
COMPONENT NAME	**F5:REC PB (PB_PREP50_MAIN)**	12/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (12/17)-1(1)	
	SCM073	



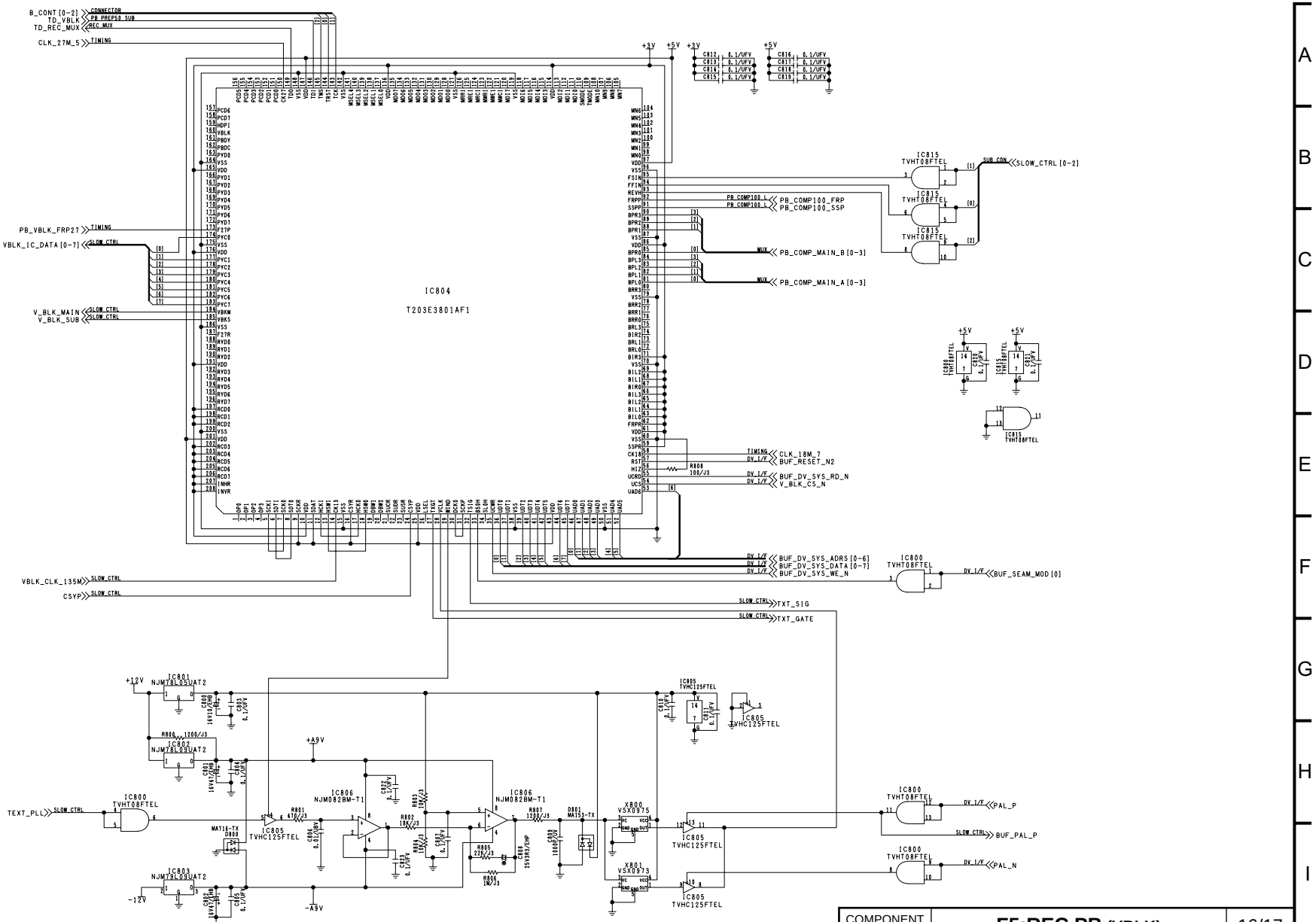
COMPONENT NAME	**F5:REC PB (PB_PREP50_SUB)**	13/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (13/17)-1(1)	
	SCM074	



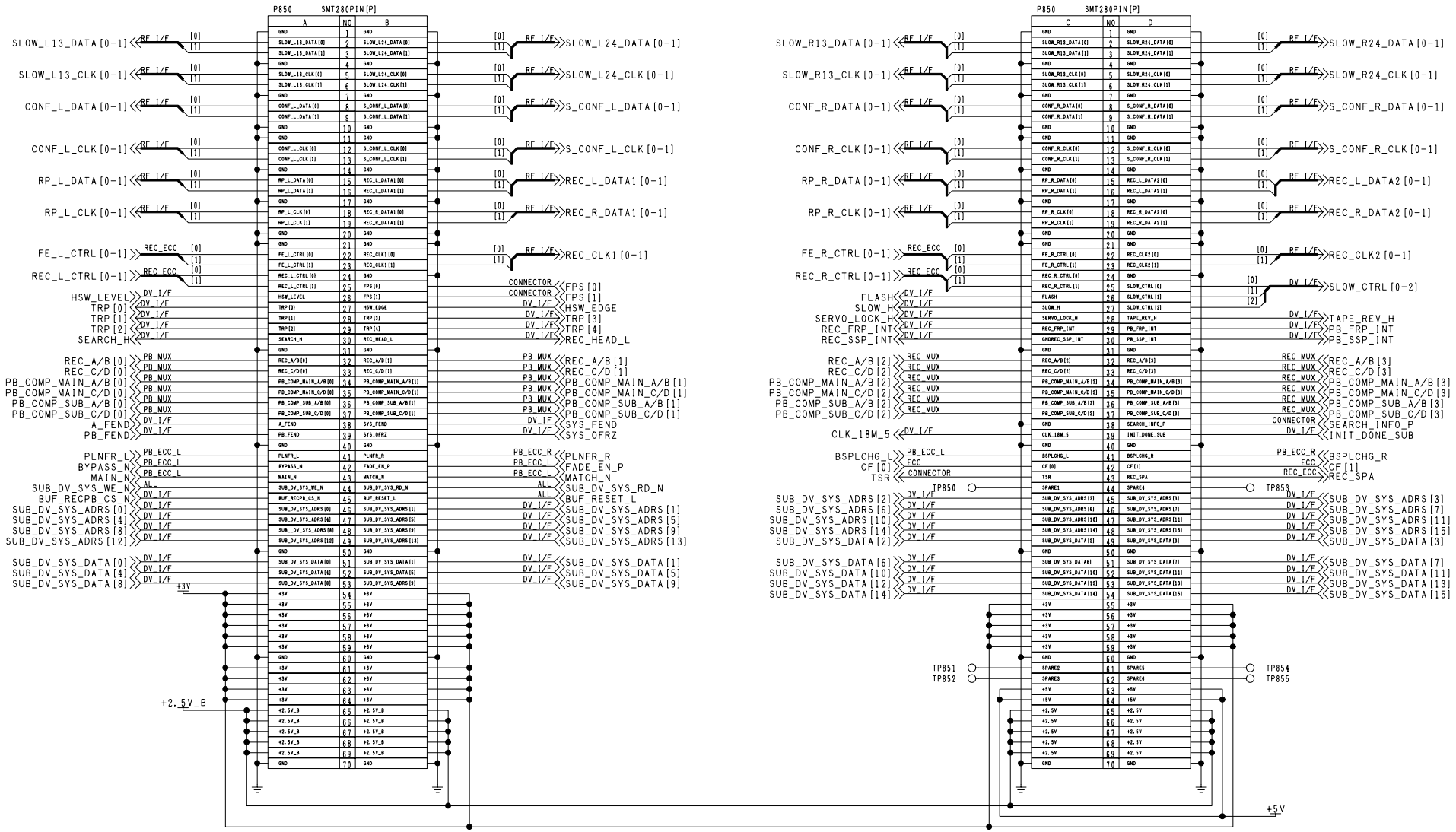
COMPONENT NAME	**F5:REC PB (SLOW_CTRL)**	14/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (14/17)-1(1)	
	SCM075	



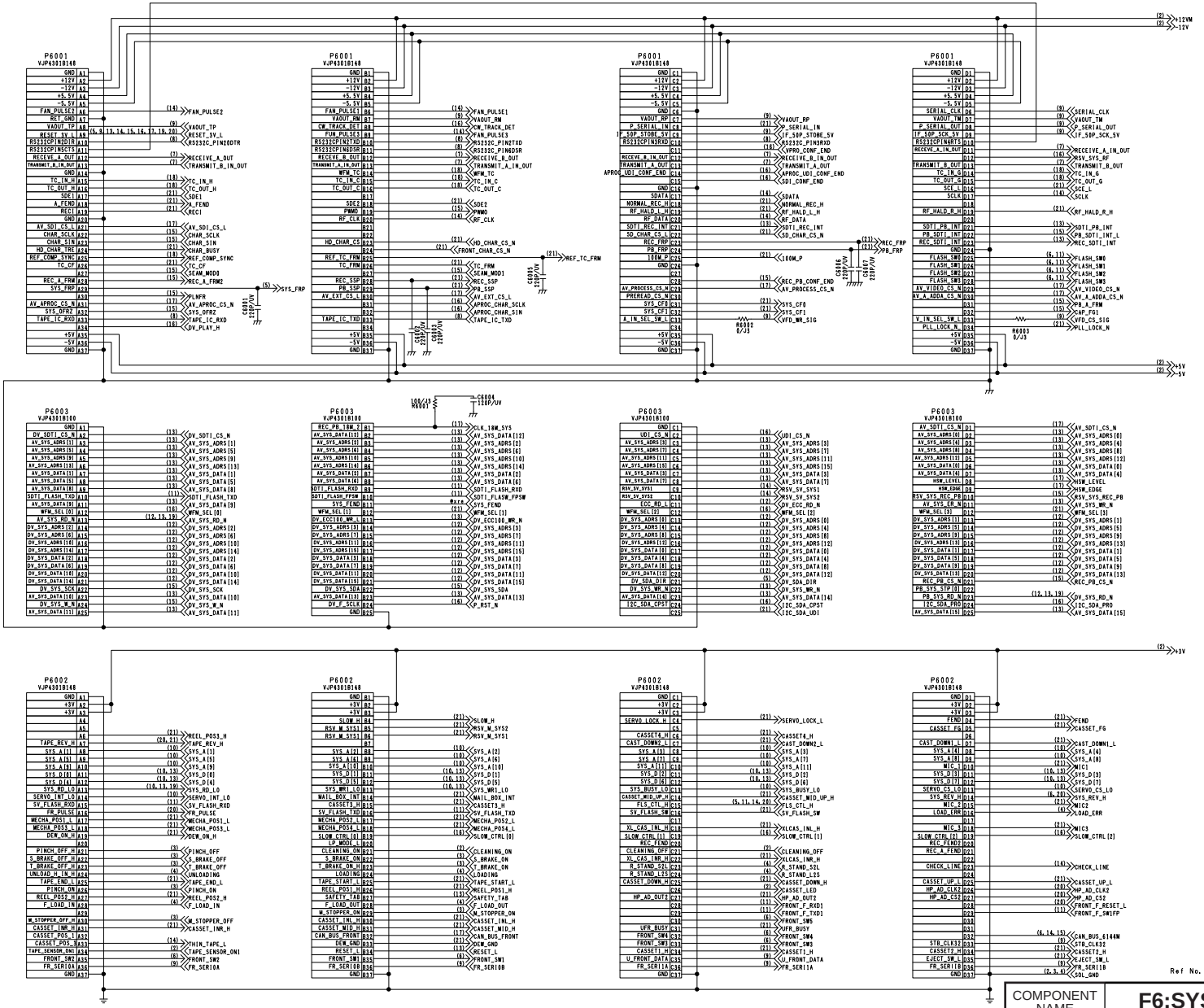
COMPONENT NAME	**F5:REC PB (DELAY_CTRL)**	15/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (15/17)-1(1)
		SCM076



COMPONENT NAME	F5:REC PB (VBLK)	16/17
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83580A	KR30229 (16/17)-1(1)	
	SCM077	

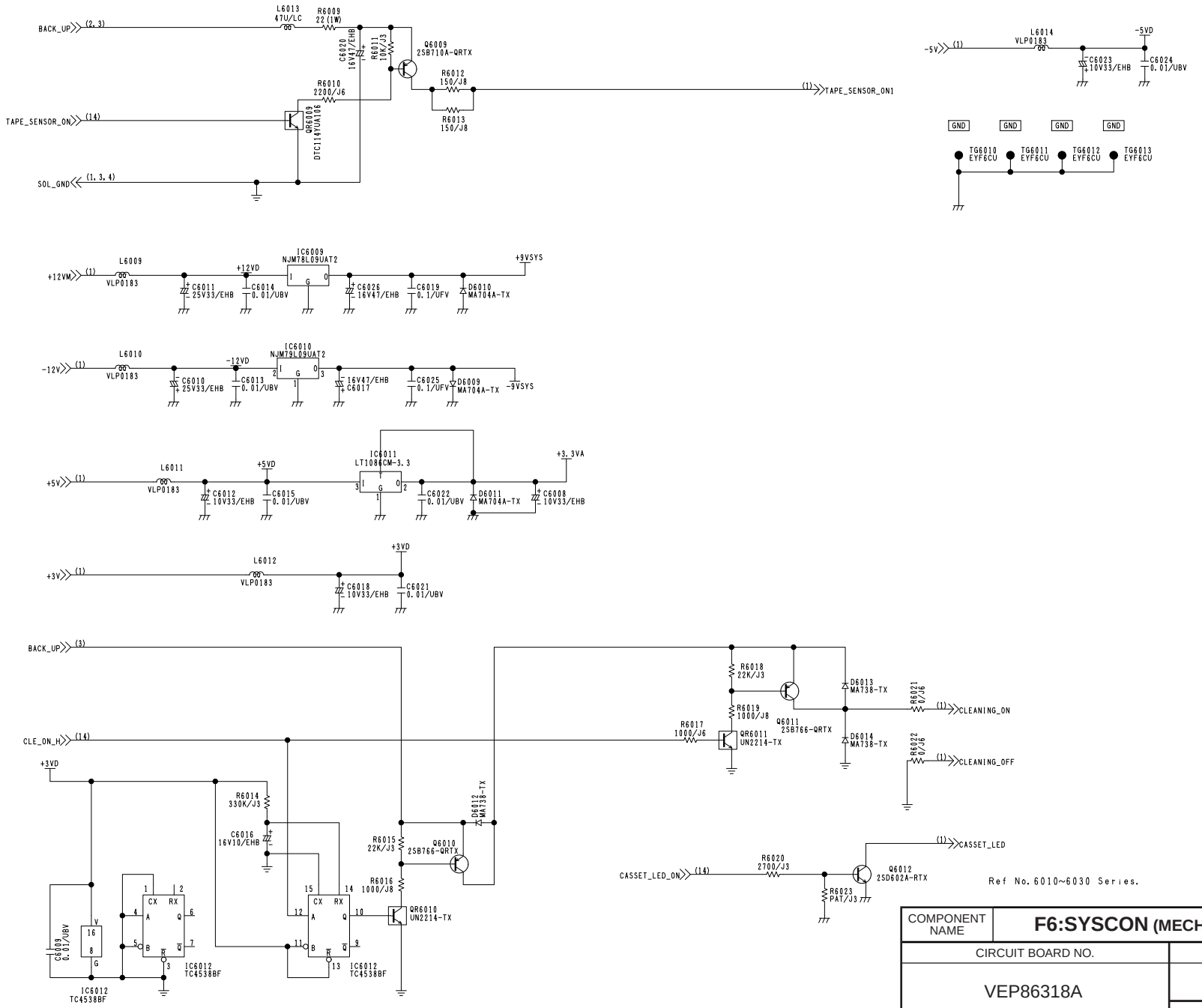


COMPONENT NAME	**F5:REC PB (SUB CONNECTOR)**	17/17
CIRCUIT BOARD NO.		DRAWING NO.
VEP83580A		KR30229 (17/17)-1(1)
		SCM078

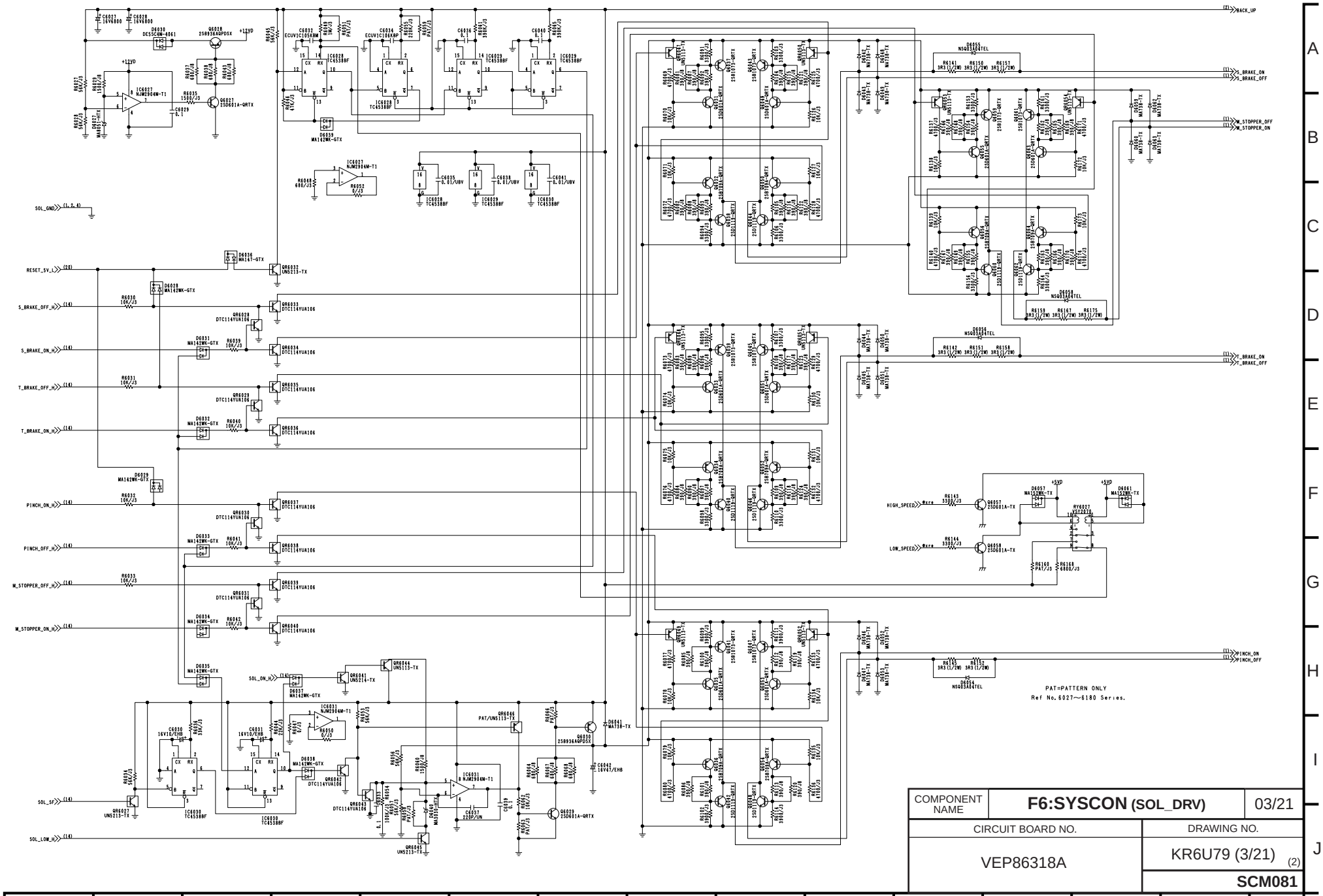


Ref No. 6000~6008 Series.

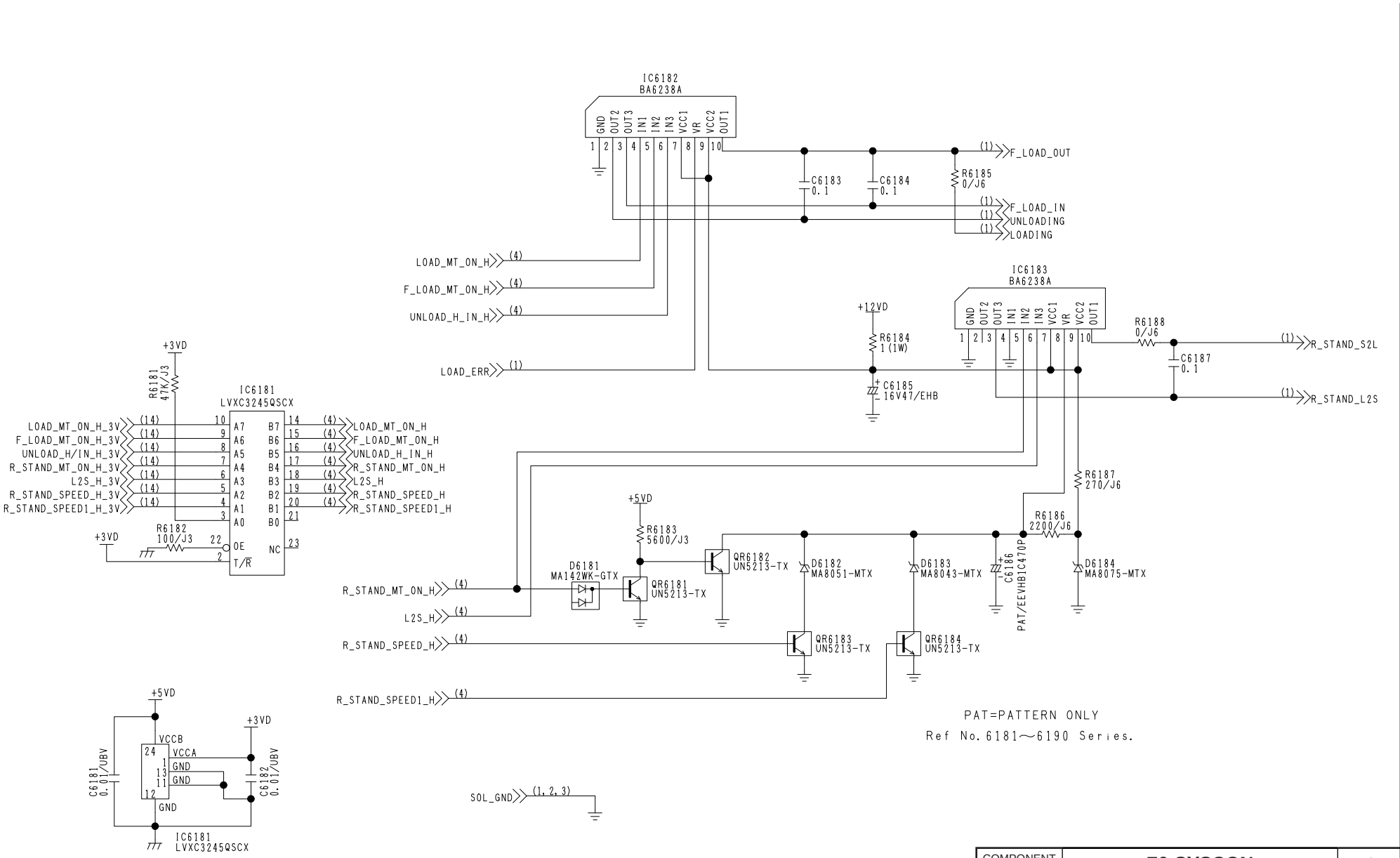
COMPONENT NAME	F6:SYSCON (CONNECTOR)	01/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (1/21) (2)
		SCM079



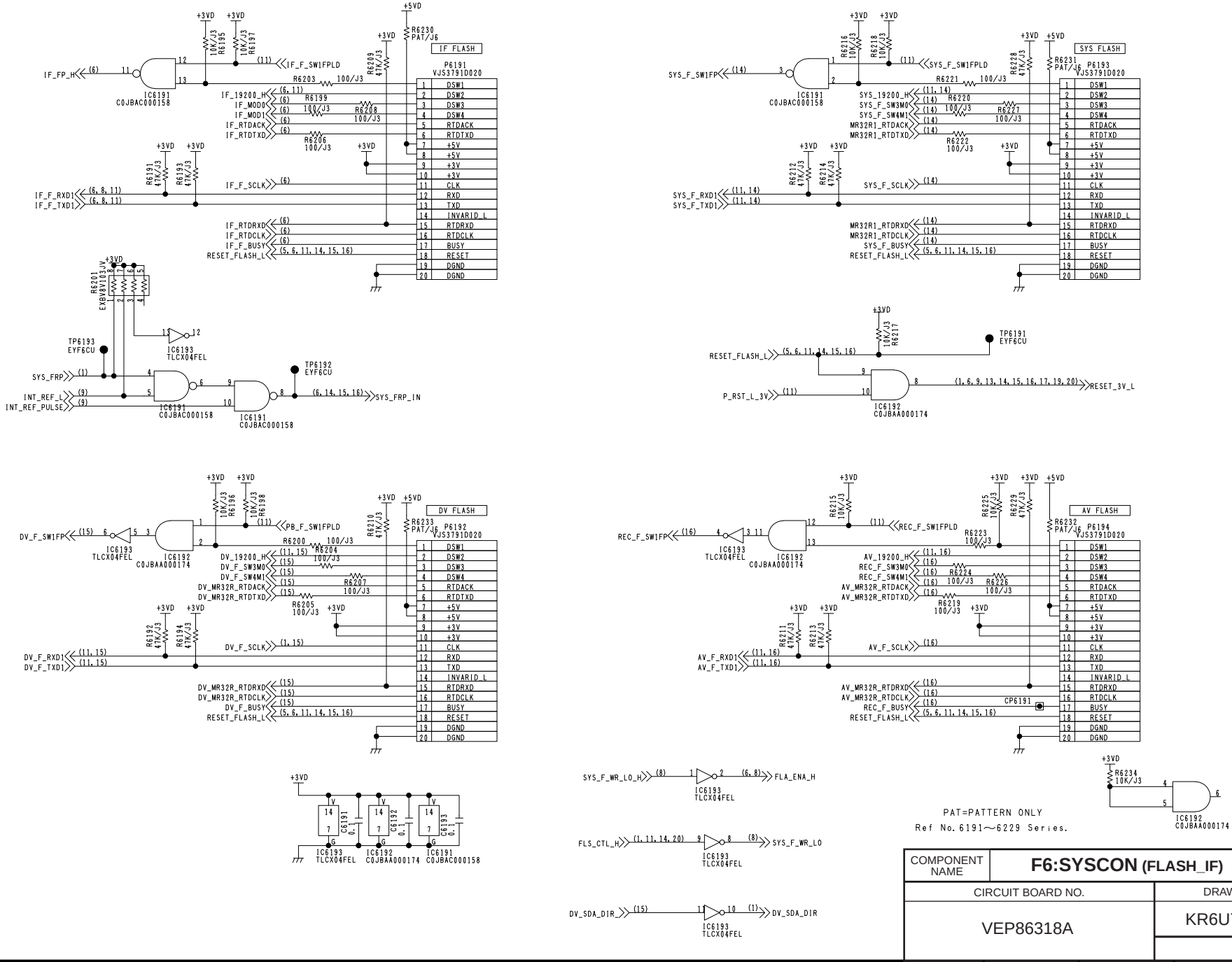
COMPONENT NAME	F6:SYSCON (MECHA_IF)	02/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (2/21) (2)
		SCM080



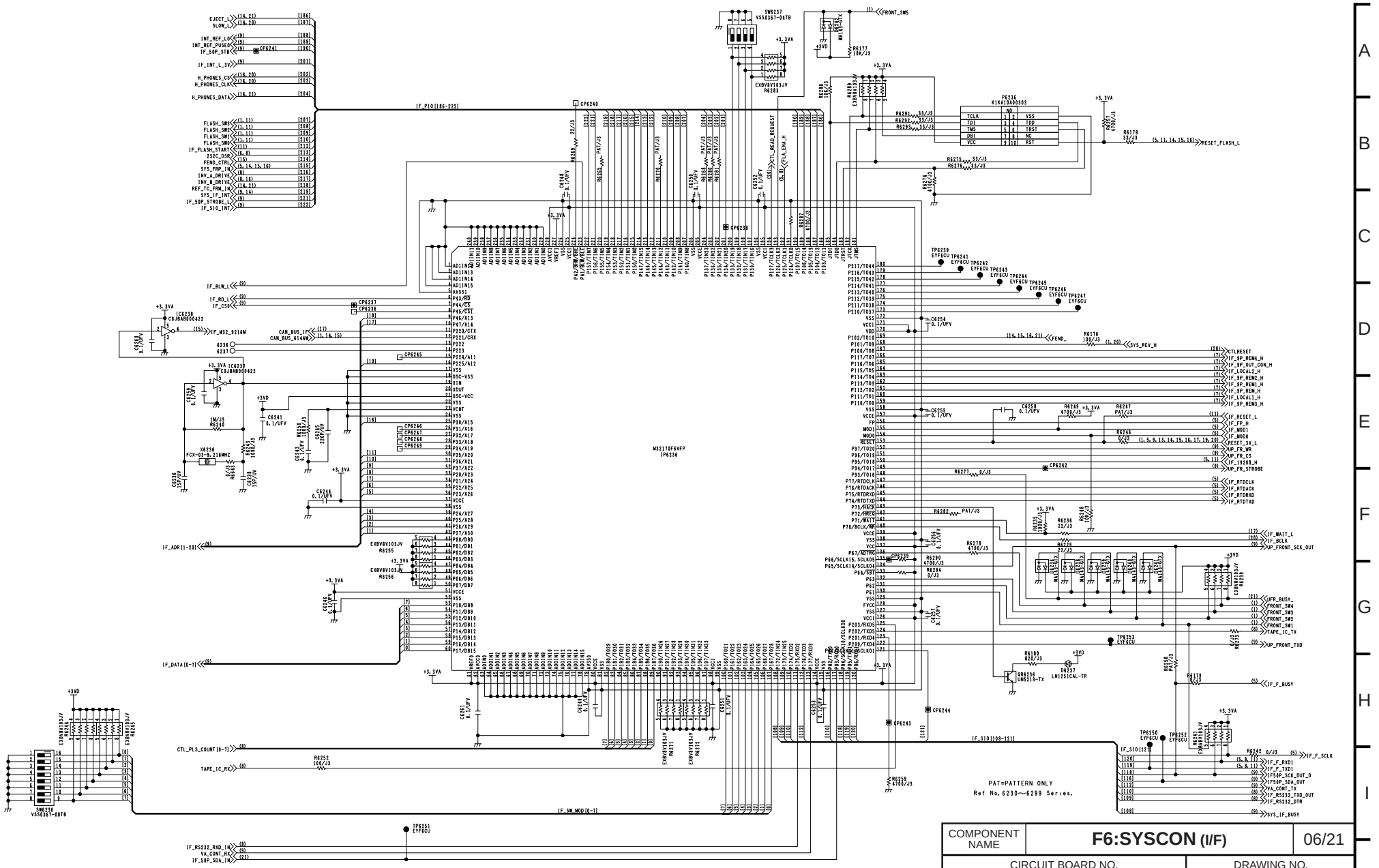
COMPONENT NAME	**F6:SYSCON (SOL_DRV)**	03/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (3/21) (2)	
	SCM081	



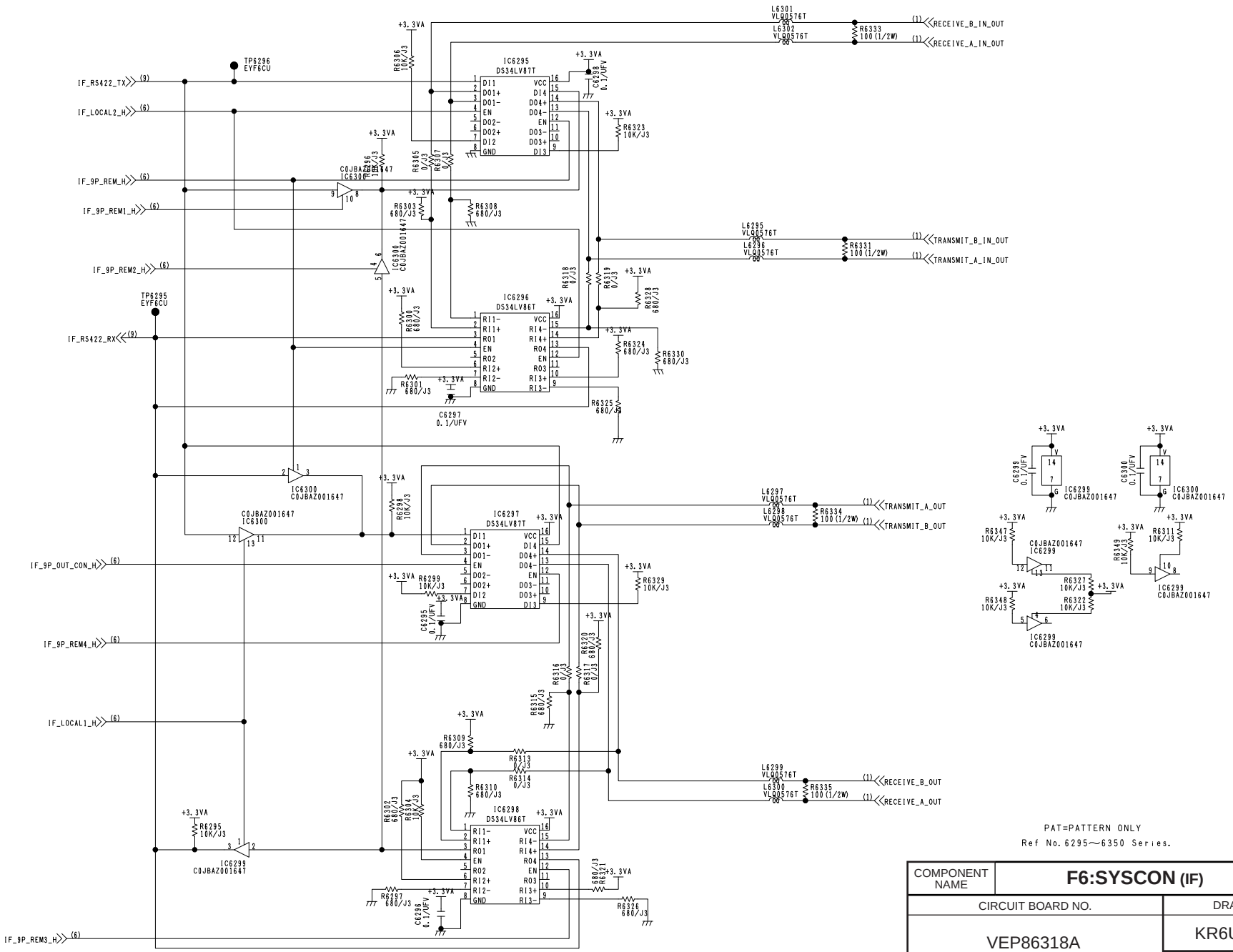
COMPONENT NAME	F6:SYSCON	04/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (4/21) (2)
		SCM082



COMPONENT NAME	**F6:SYSCON (FLASH_IF)**	05/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (5/21) (2)	
	SCM083	

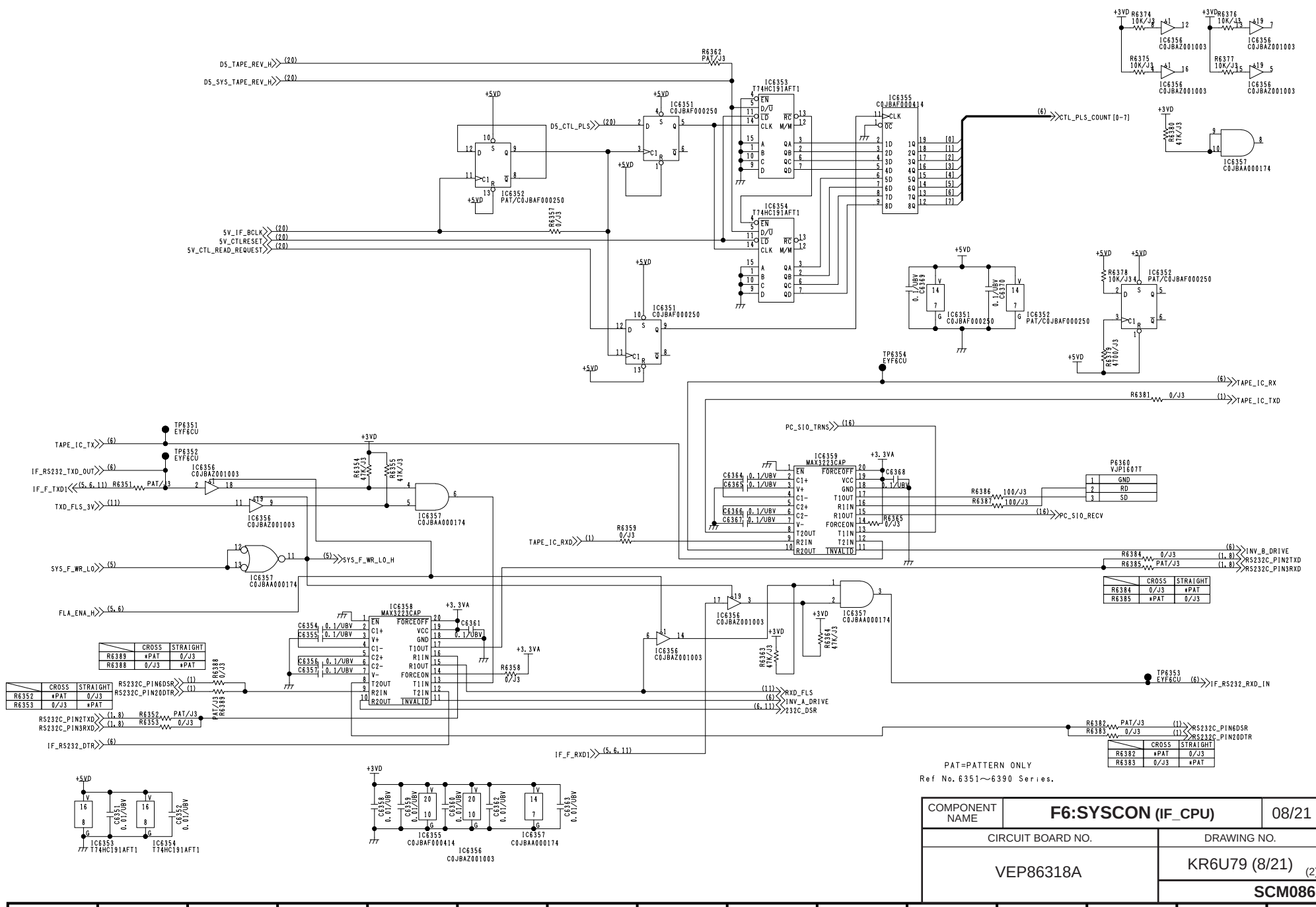


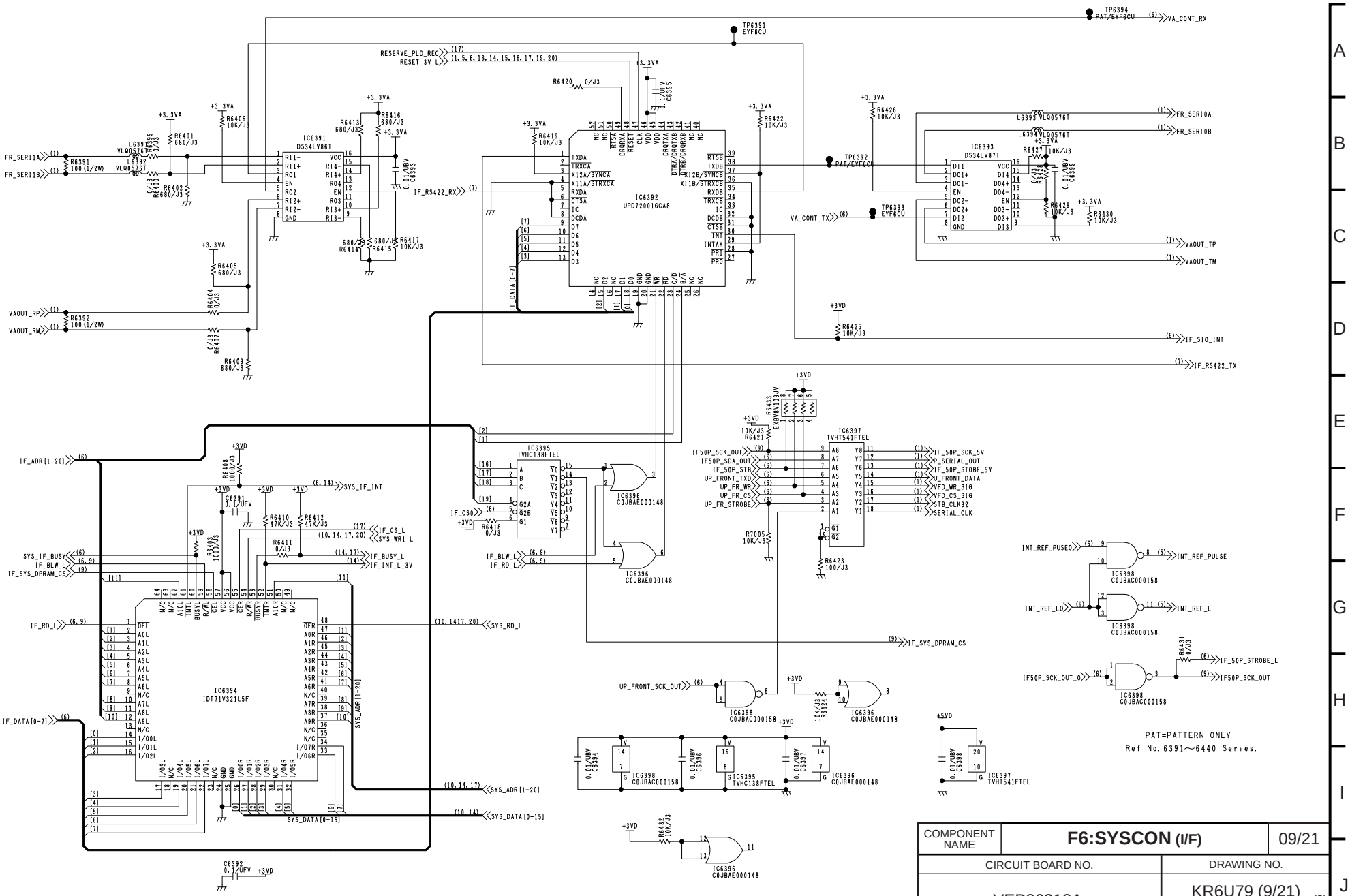
COMPONENT NAME	F6:SYSCON (I/F)	06/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (6/21) (2)	
	SCM084	



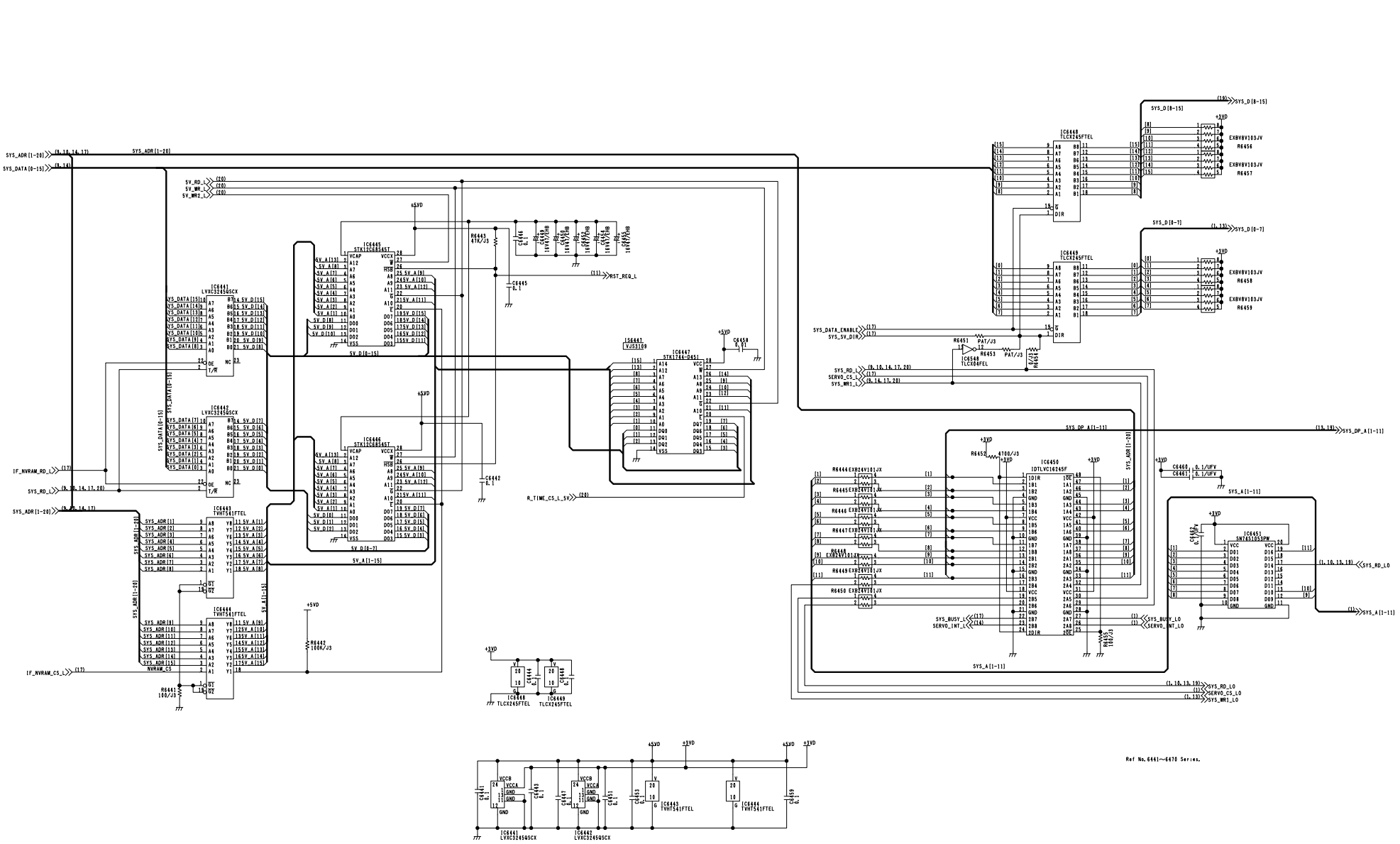
PAT=PATTERN ONLY
Ref No. 6295～6350 Series.

COMPONENT NAME	**F6:SYSCON (IF)**	07/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (7/21) (2)	
	SCM085	


D5_TAPE_REV_H
D5_SYS_TAPE_REV_H
D5_CTL_PLS
5V_IF_BCLK
5V_CTLRESET
5V_CTL_READ_REQUEST
CTL_PLS_COUNT [0-7]
TAPE_IC_TX
TAPE_IC_RX
TAPE_IC_TXD
TAPE_IC_RXD
IF_RS232_TXD_OUT
IF_F_TXD1
TXD_FLS_3V
SYS_F_WR_LO
SYS_F_WR_LO_H
FLA_ENA_H
PC_SIO_TRNS
PC_SIO_RECV
INV_B_DRIVE
RS232C_PIN2TXD
RS232C_PIN3RXD
RS232C_PIN6DSR
RS232C_PIN20DTR
RS232C_PIN7SG
RS232C_PIN8CD
IF_RS232_DTR
IF_RS232_RXD_IN
IF_F_RXD1
RXD_FLS
INV_A_DRIVE
232C_DSR
IC6353 T74HC191AFT1
IC6354 T74HC191AFT1
IC6355 C0JBAF000414
IC6356 C0JBAZ001003
IC6357 C0JBAA000174
IC6358 MAX3223CAP
IC6359 MAX3223CAP
IC6351 C0JBAF000250
IC6352 PAT/C0JBAF000250
P6360 VJP1607T
TP6351 EYF6CU
TP6352 EYF6CU
TP6353 EYF6CU
TP6354 EYF6CU
PAT=PATTERN ONLY
Ref No. 6351～6390 Series.
COMPONENT NAME
F6:SYSCON (IF_CPU)
08/21
CIRCUIT BOARD NO.
VEP86318A
DRAWING NO.
KR6U79 (8/21) (2)
SCM086



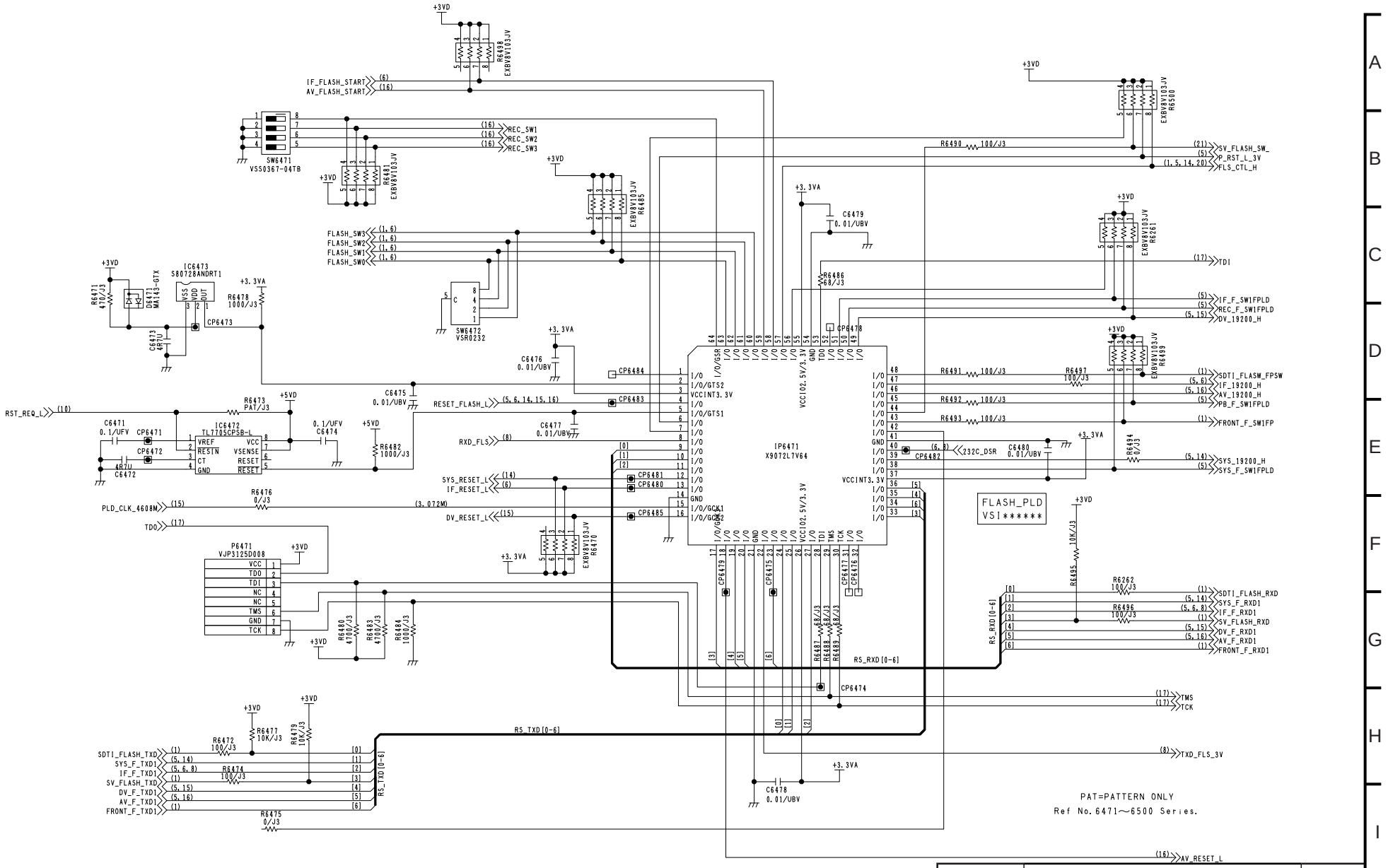
COMPONENT NAME	F6:SYSCON (I/F)	09/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (9/21) (2)	
	SCM087	



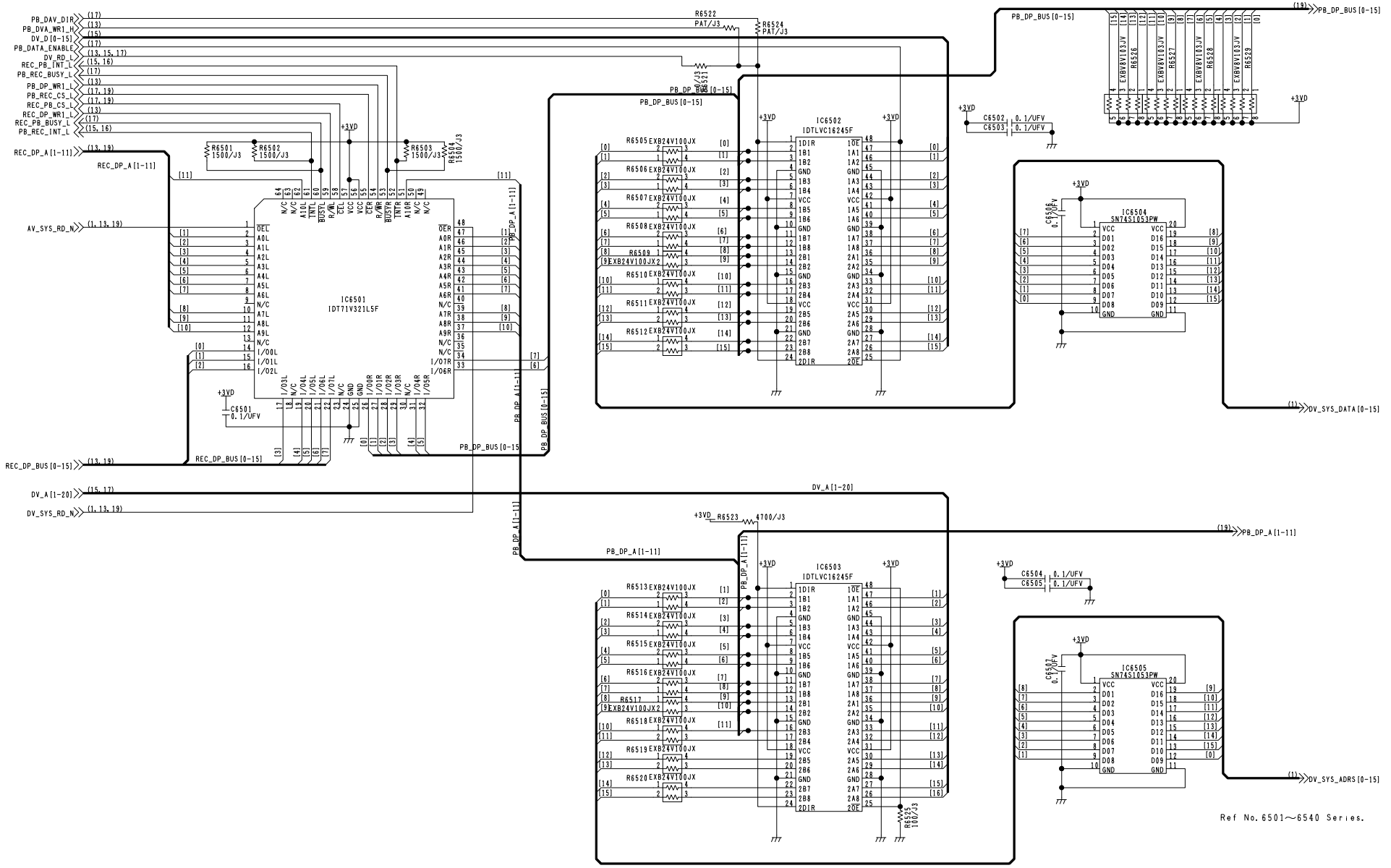
COMPONENT NAME	**F6:SYSCON (SYS_SRV <STK_RAM>)**	10/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (10/21) (2)	
	SCM088	

A B C D E F G H I J

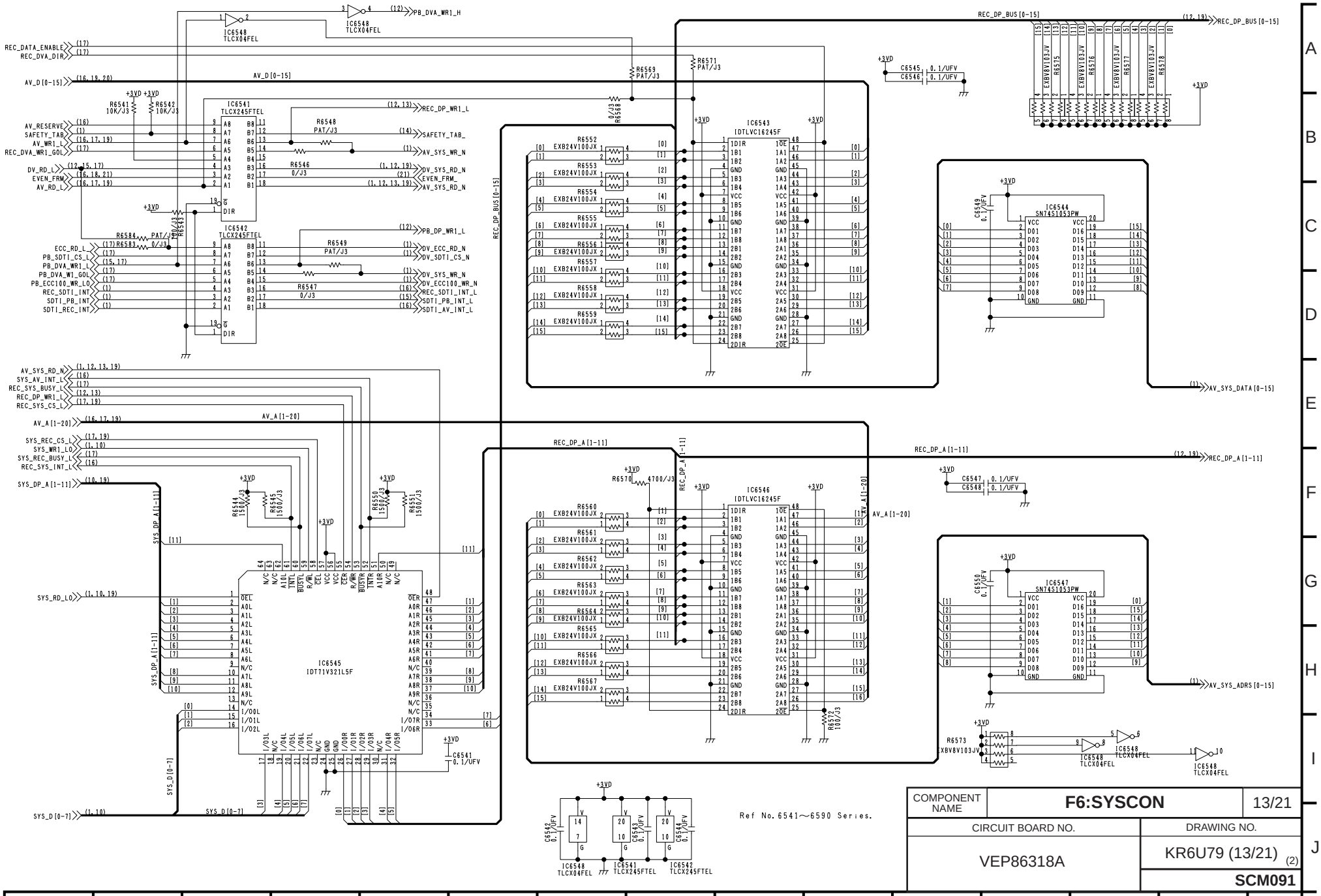
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



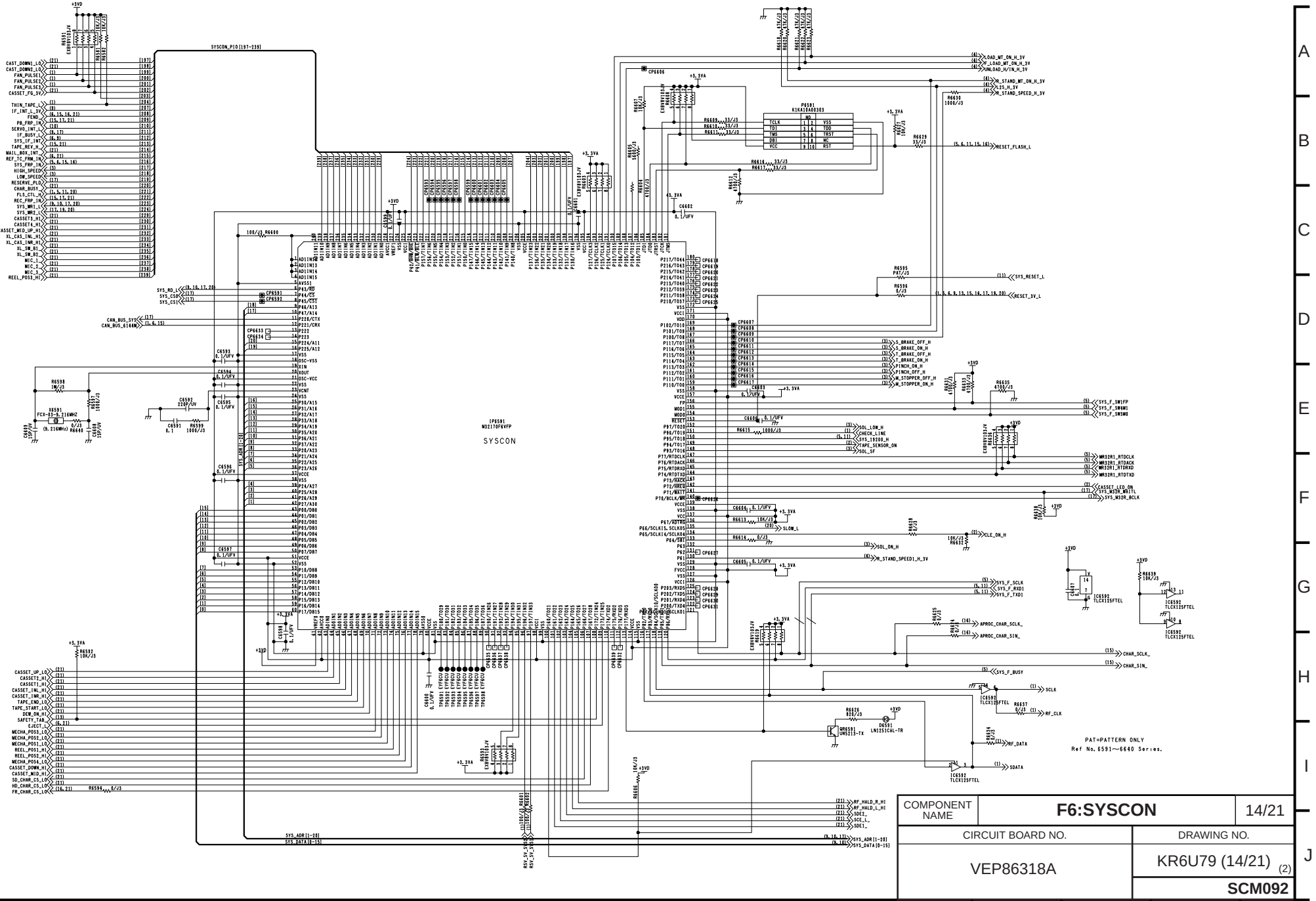
COMPONENT NAME	F6:SYSCON (AV_FLASH)	11/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (11/21) (2)
		SCM089



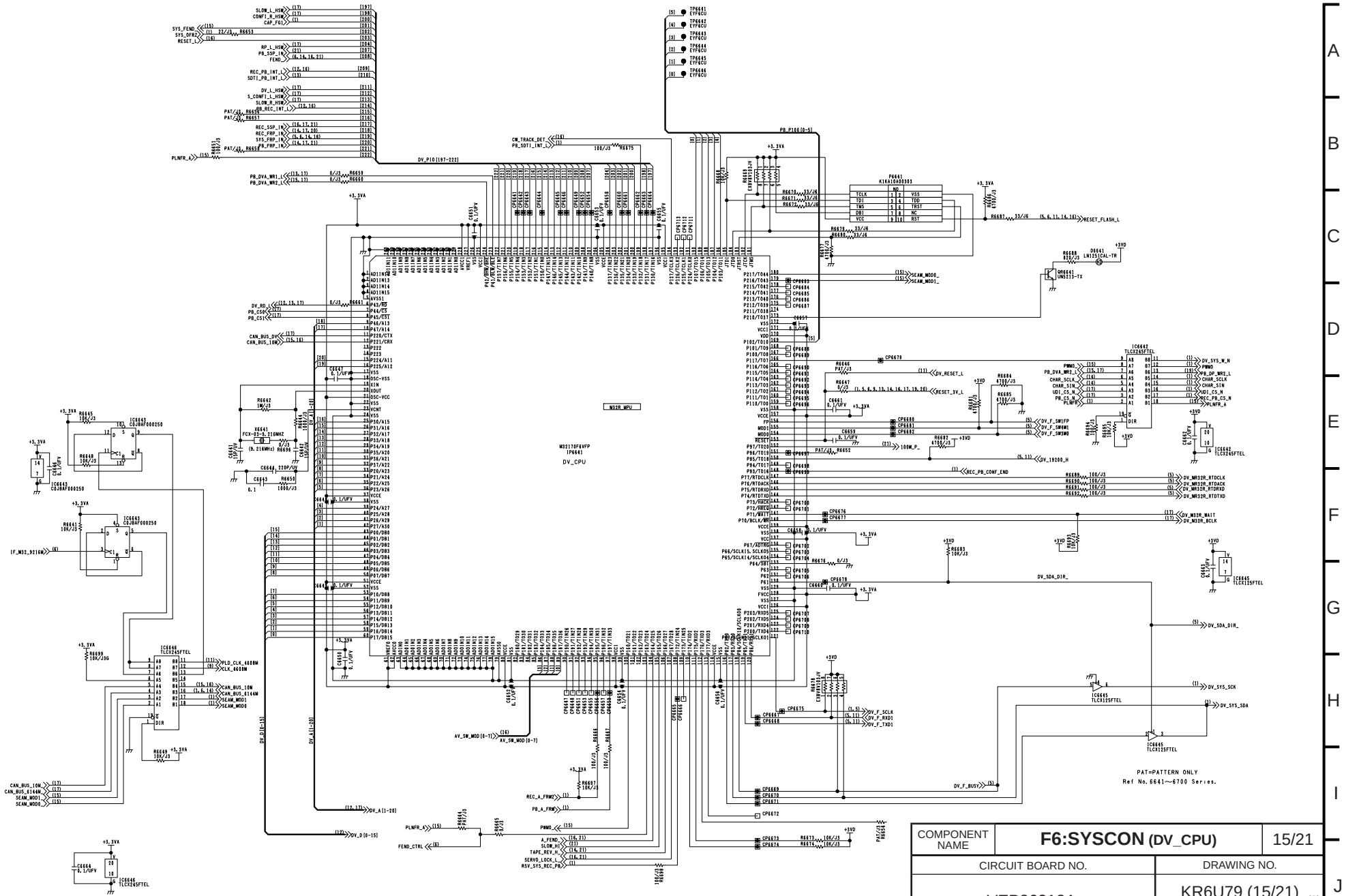
COMPONENT NAME	**F6:SYSCON (REC_PB, PB_SYS_DRAM)**	12/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (12/21) (2)
		SCM090



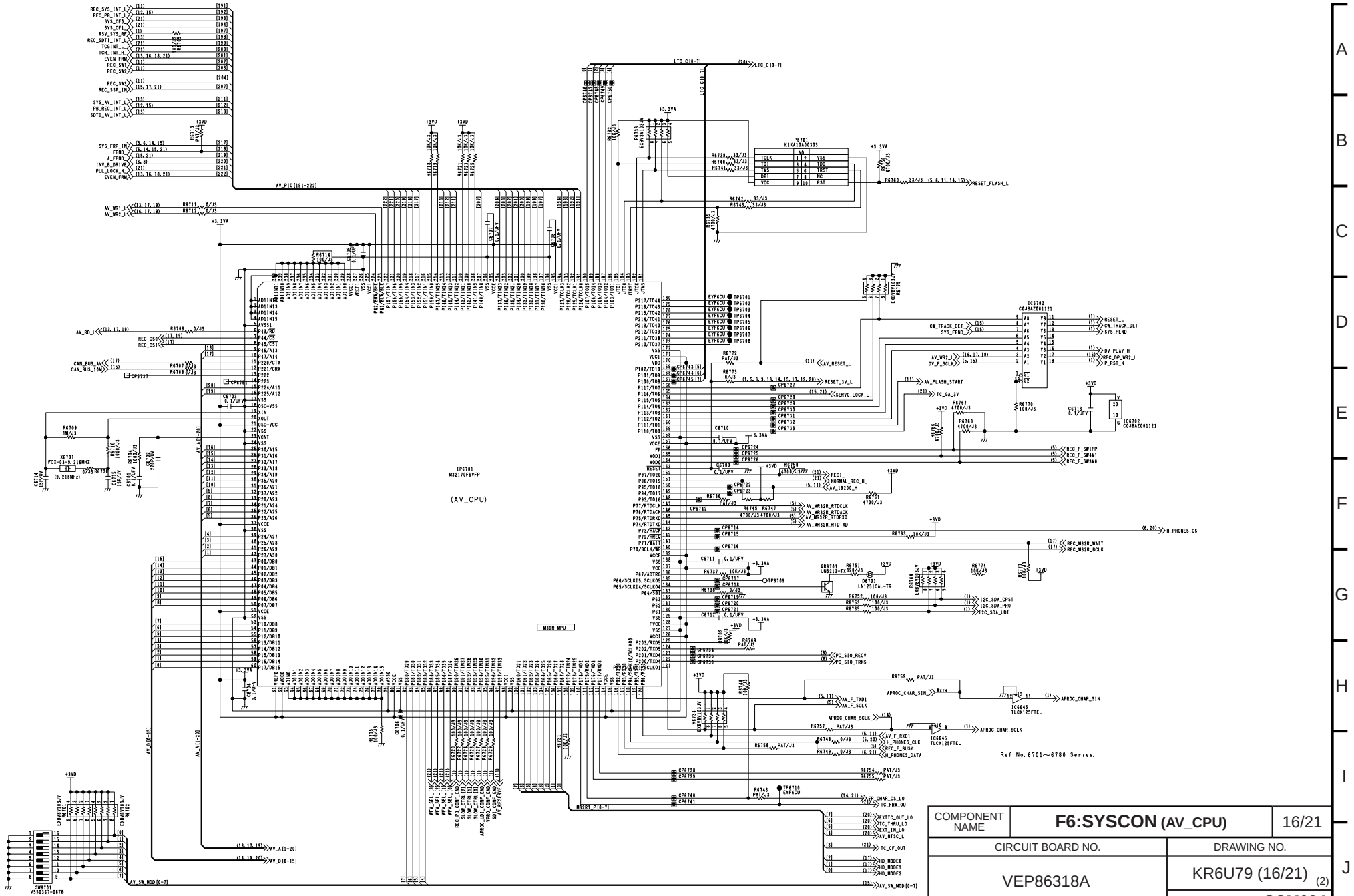
COMPONENT NAME	**F6:SYSCON**	13/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (13/21) (2)	
	SCM091	



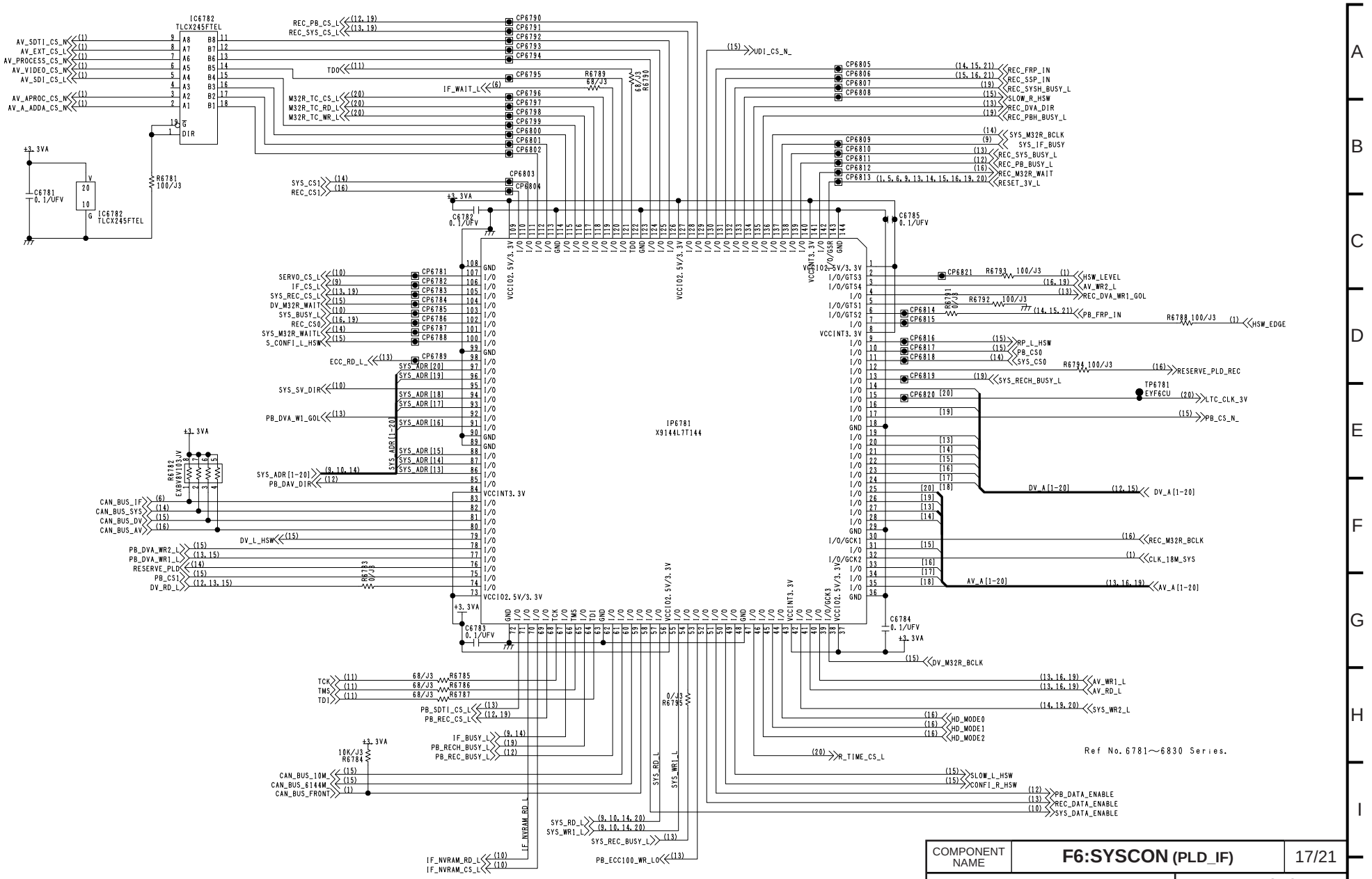
COMPONENT NAME	**F6:SYSCON**	14/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (14/21) (2)
		SCM092

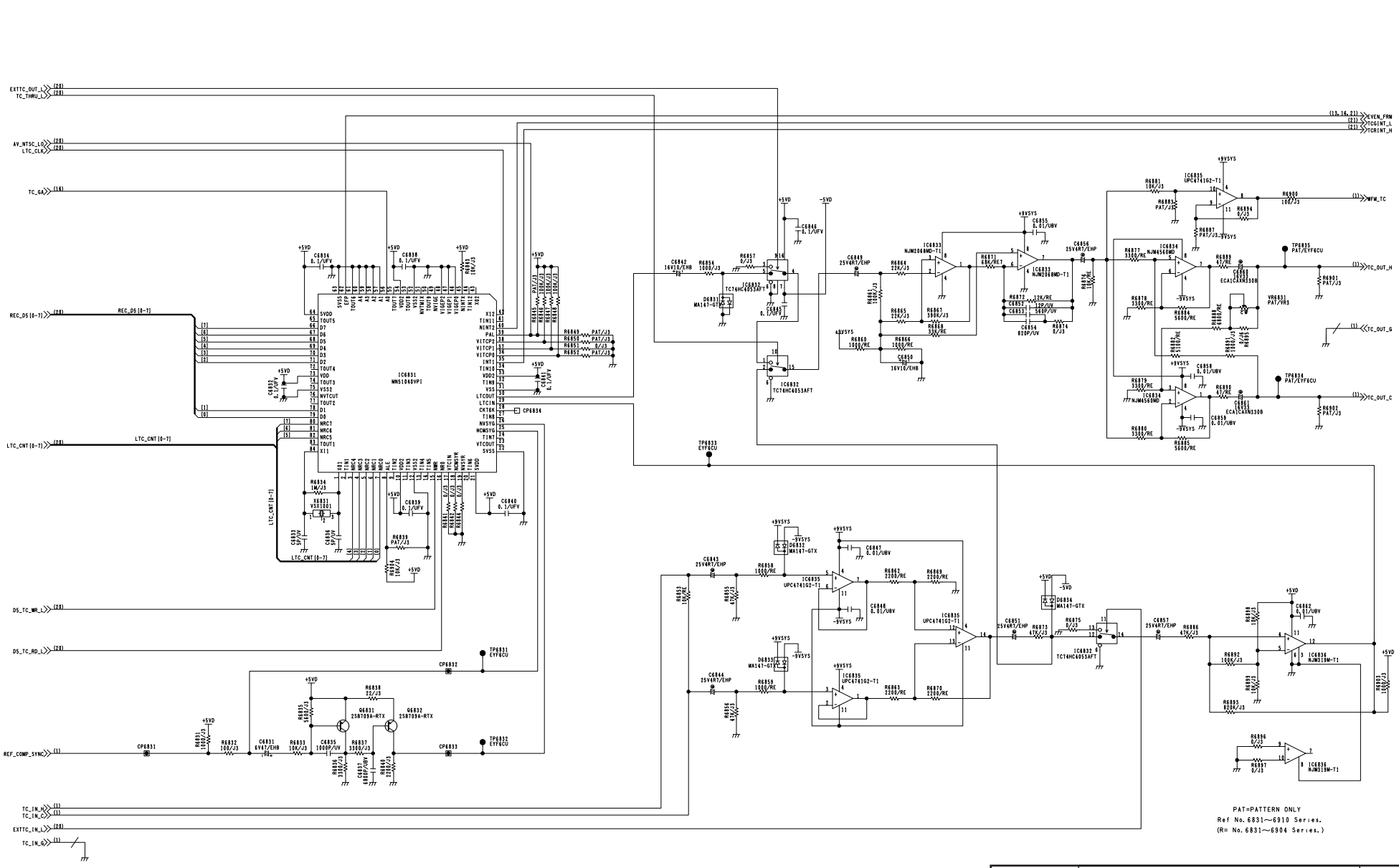


COMPONENT NAME	F6:SYSCON (DV_CPU)	15/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (15/21) (2)
		SCM093

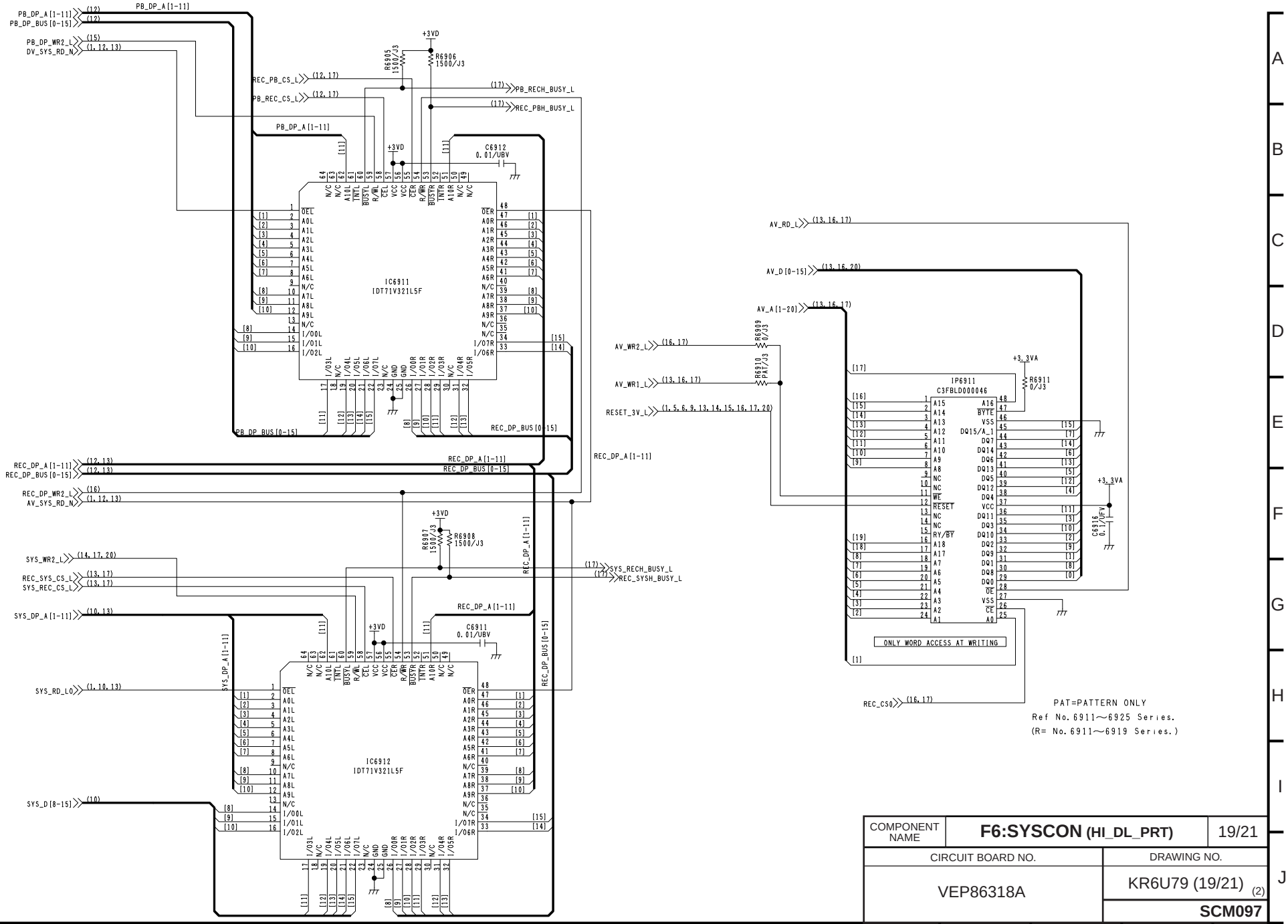


COMPONENT NAME	**F6:SYSCON (AV_CPU)**	16/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (16/21) (2)
		SCM094

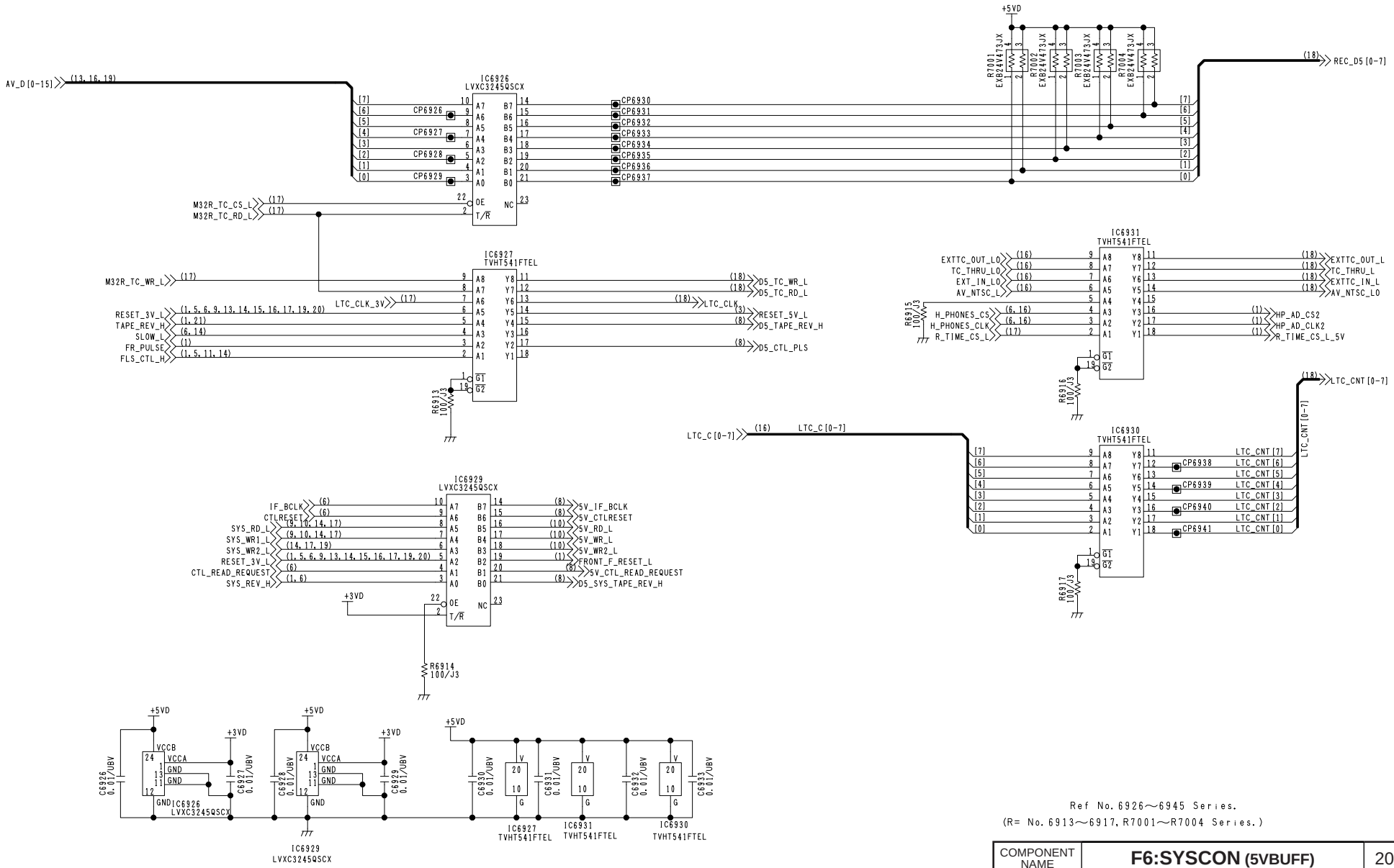

IC6782
TLCX245FTEL
IC6782
TLCX245FTEL
IP6781
X9144L7T144
C6781
0.1/UFV
C6782
0.1/UFV
C6783
0.1/UFV
C6784
0.1/UFV
C6785
0.1/UFV
R6781
100/J3
R6782
EXBV8V103JV
R6783
0/J3
R6784
10K/J3
R6785
68/J3
R6786
68/J3
R6787
68/J3
R6789
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R6790
68/J3
R6791
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R6792
100/J3
R6793
100/J3
R6794
100/J3
R6795
0/J3
R6788
100/J3
TP6781
EYF6CU
Ref No. 6781～6830 Series.
COMPONENT NAME
F6:SYSCON (PLD_IF)
17/21
CIRCUIT BOARD NO.
VEP86318A
DRAWING NO.
KR6U79 (17/21) (2)
SCM095



COMPONENT NAME	**F6:SYSCON (AV_TC)**	18/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (18/21) (2)
		SCM096

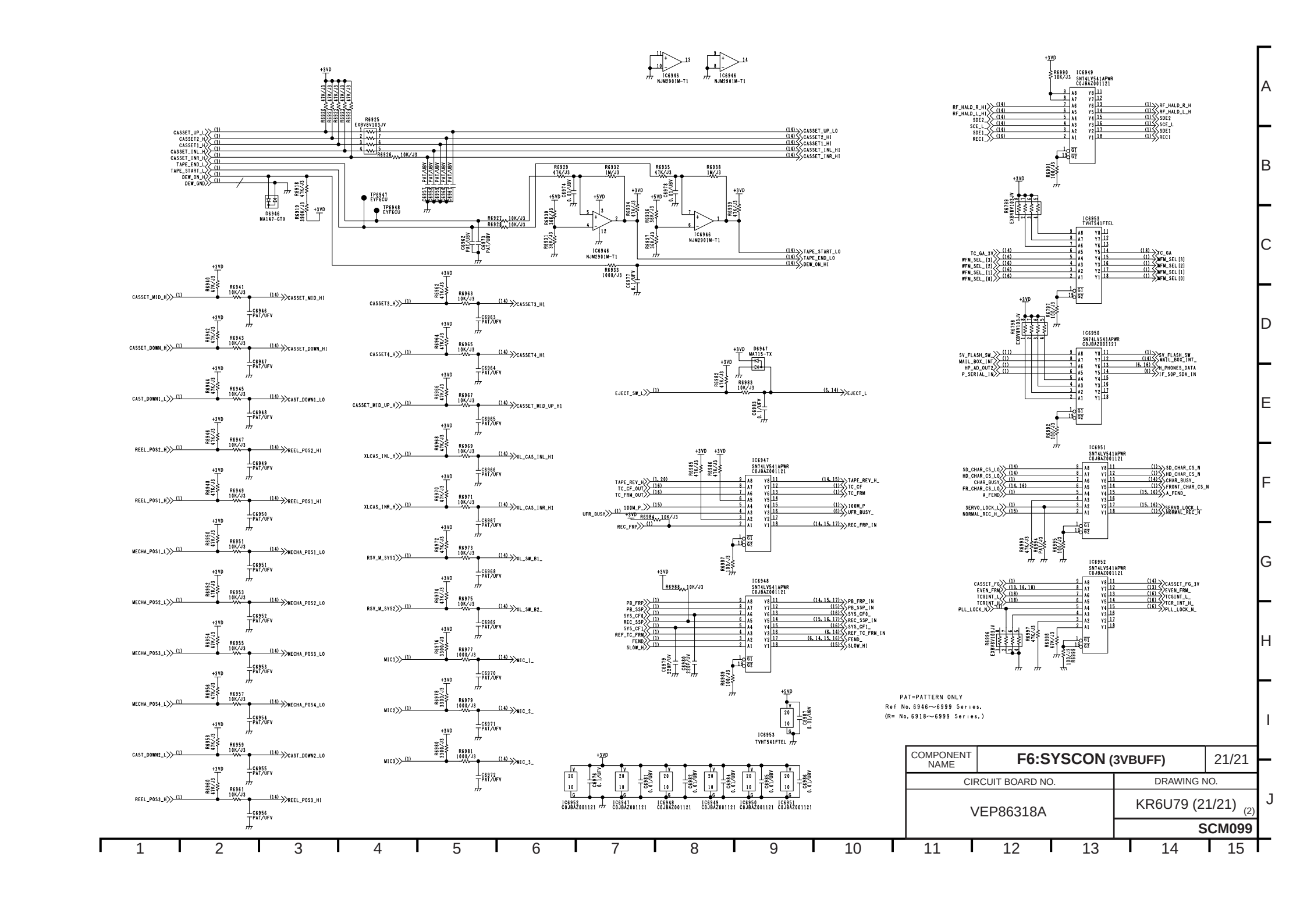


COMPONENT NAME	**F6:SYSCON (HI_DL_PRT)**	19/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (19/21) (2)
		SCM097

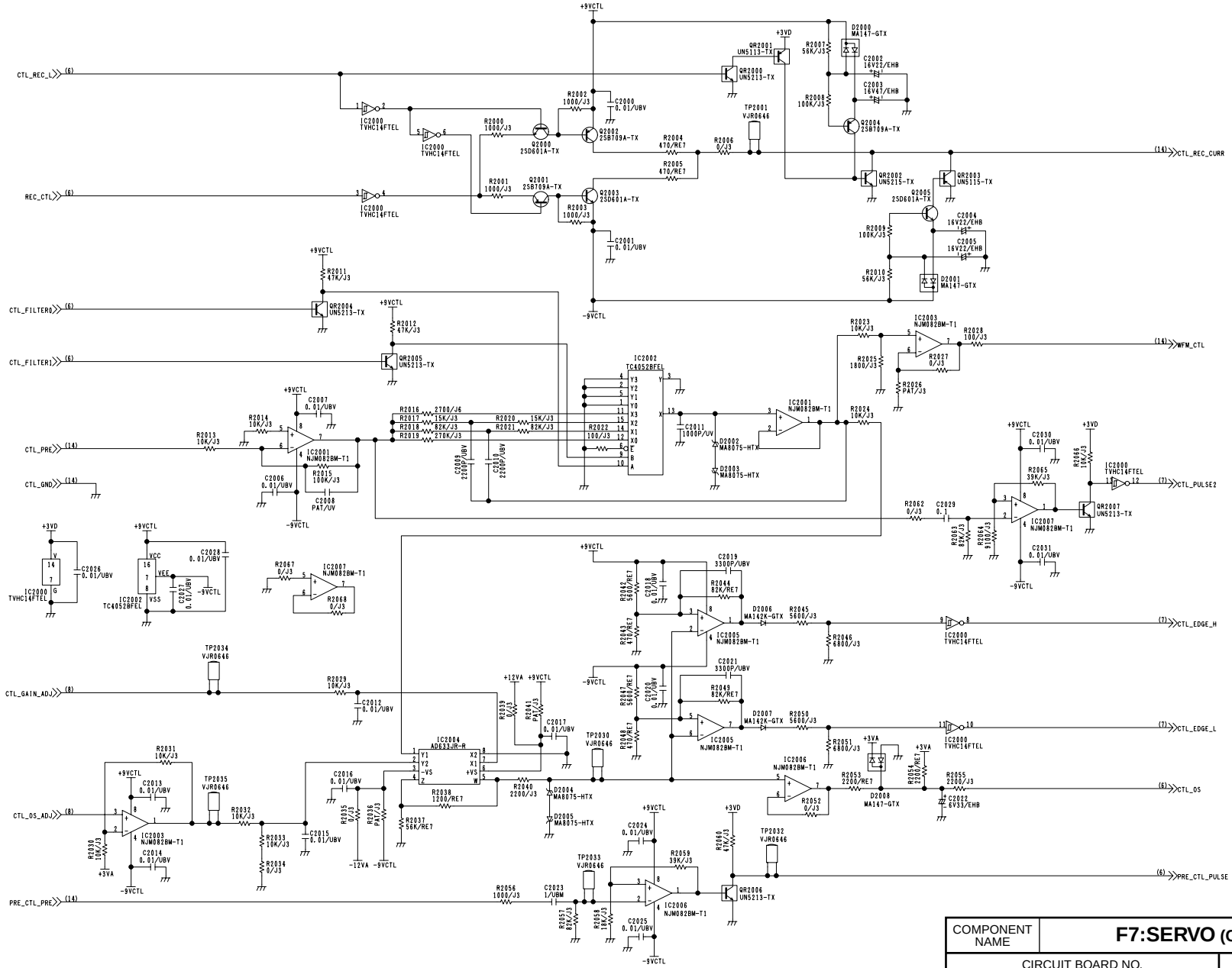


Ref No. 6926～6945 Series.
(R= No. 6913～6917, R7001～R7004 Series.)

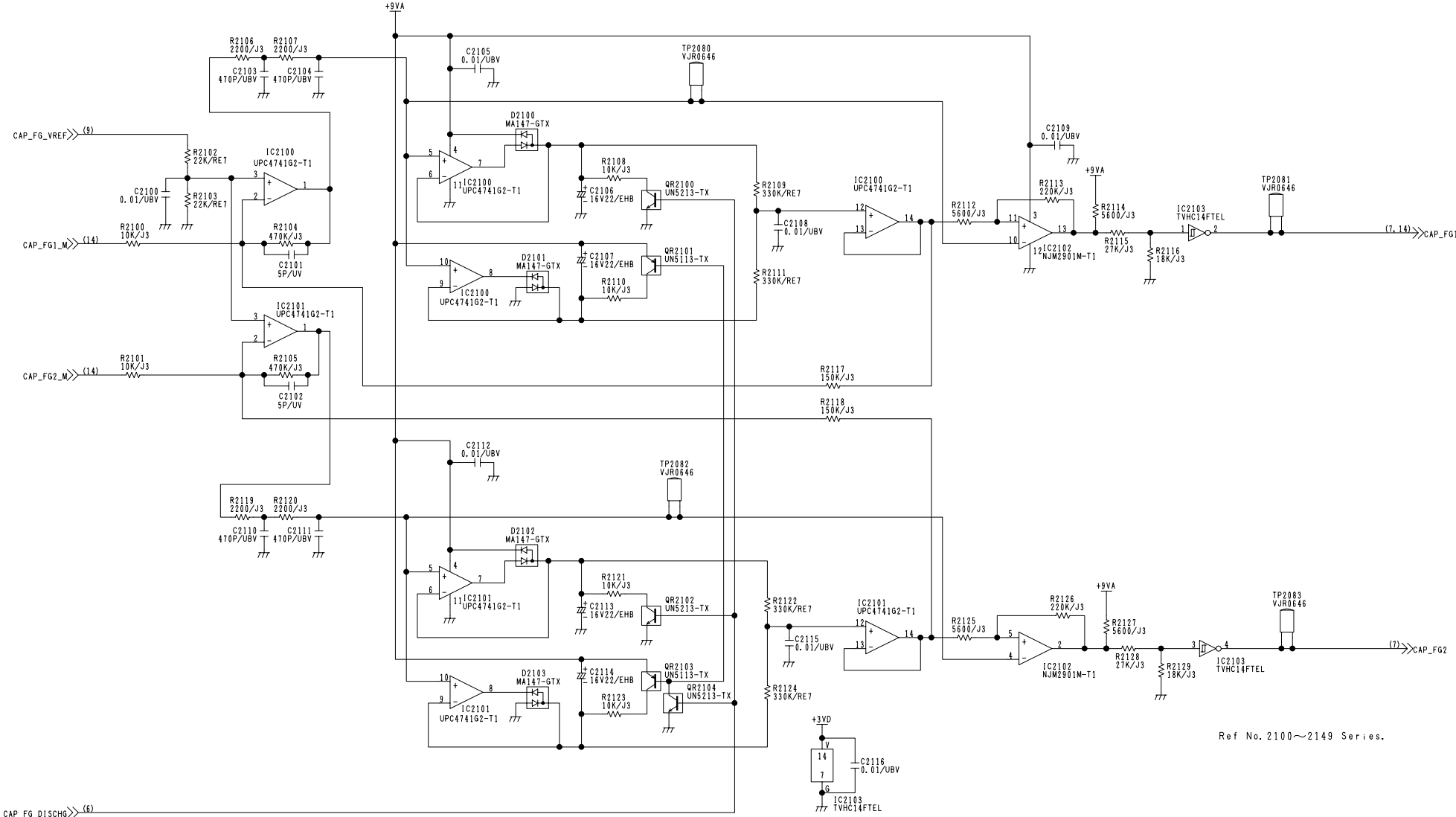
COMPONENT NAME	**F6:SYSCON (5VBUFF)**	20/21
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86318A	KR6U79 (20/21) (2)	
	SCM098	



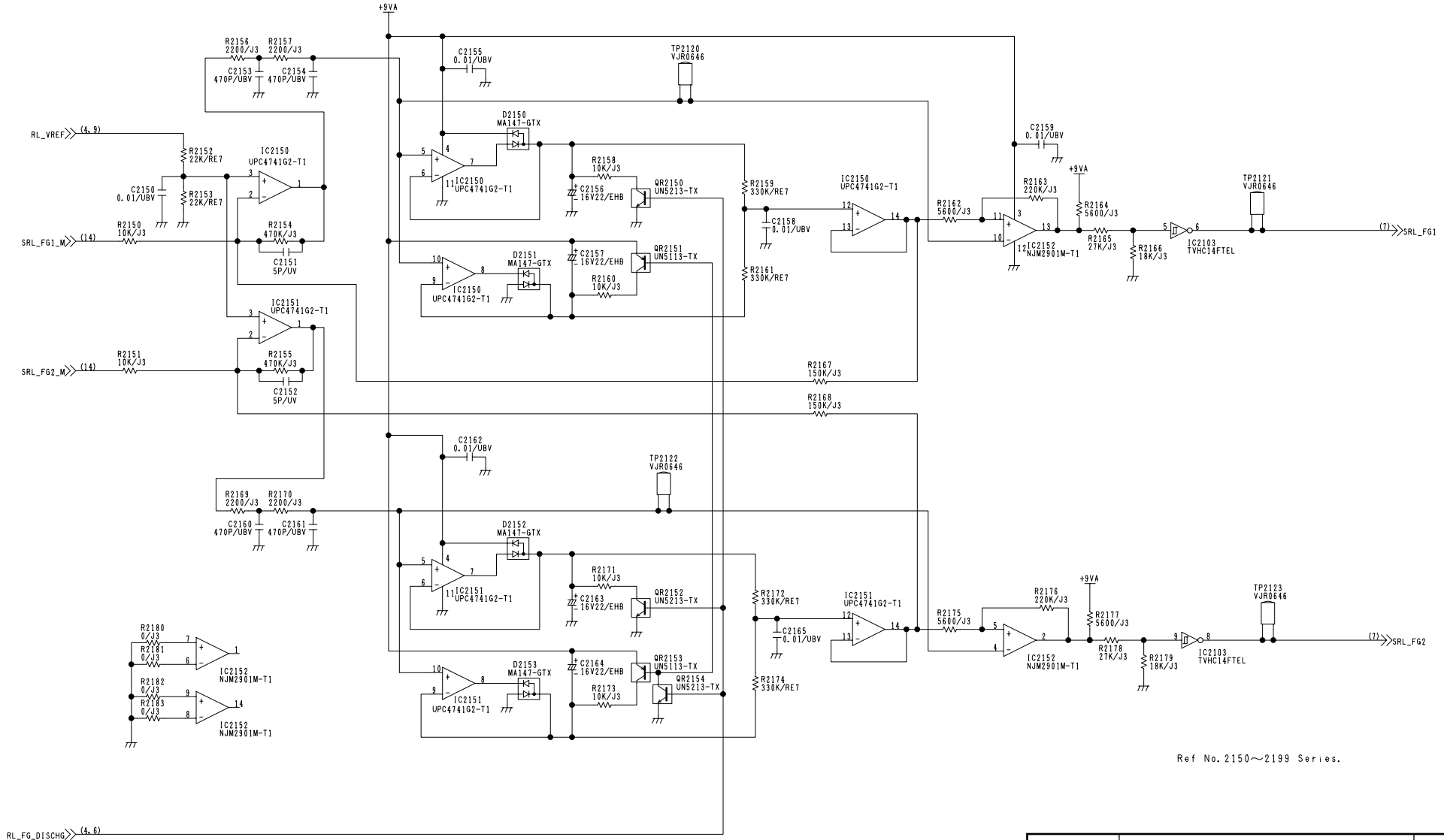
COMPONENT NAME	**F6:SYSCON (3VBUFF)**	21/21
CIRCUIT BOARD NO.		DRAWING NO.
VEP86318A		KR6U79 (21/21) (2)
		SCM099



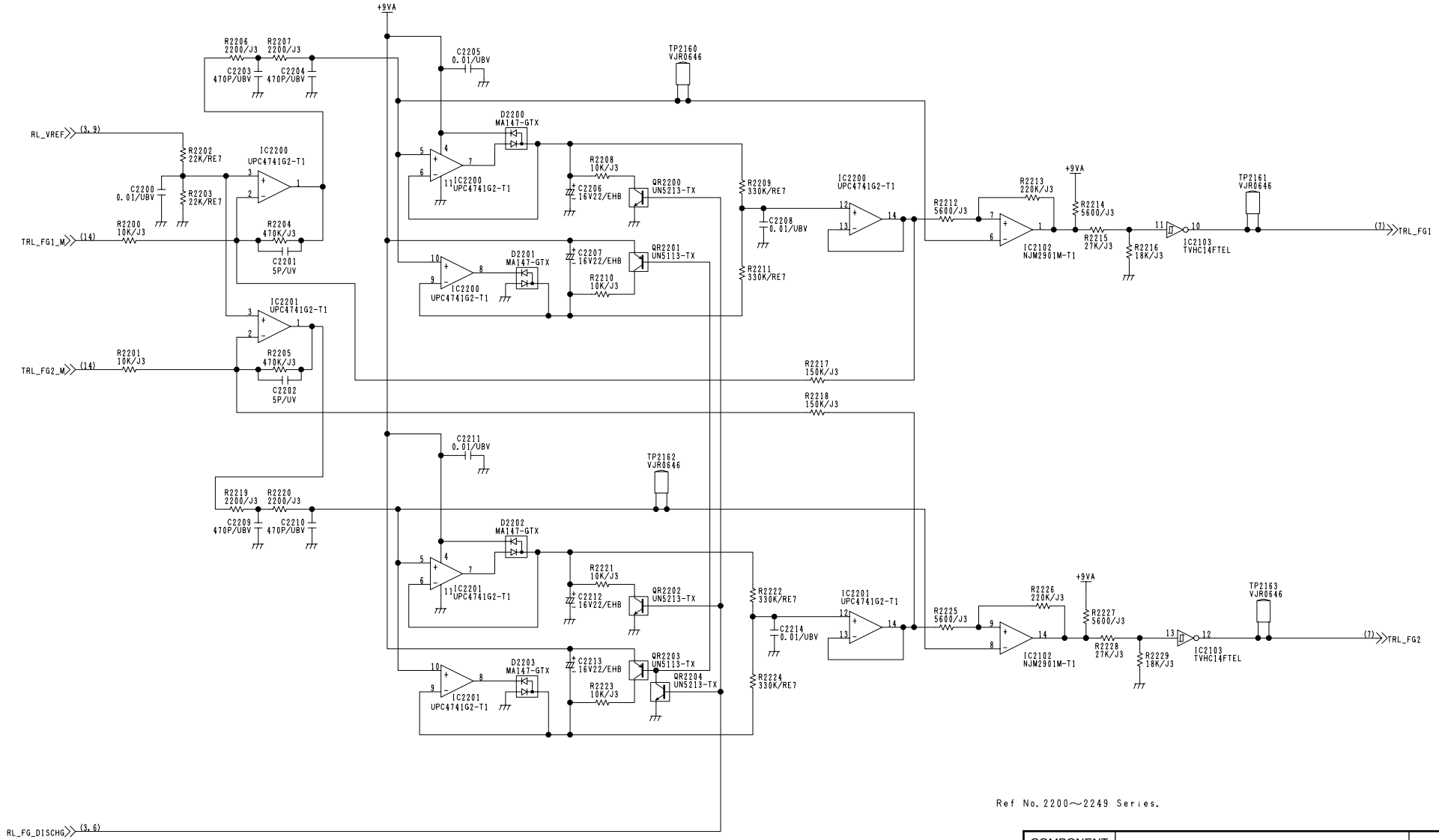
COMPONENT NAME	F7:SERVO (CTL)	01/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82242A	KR2E39 (1/16) (1)	
	SCM100	



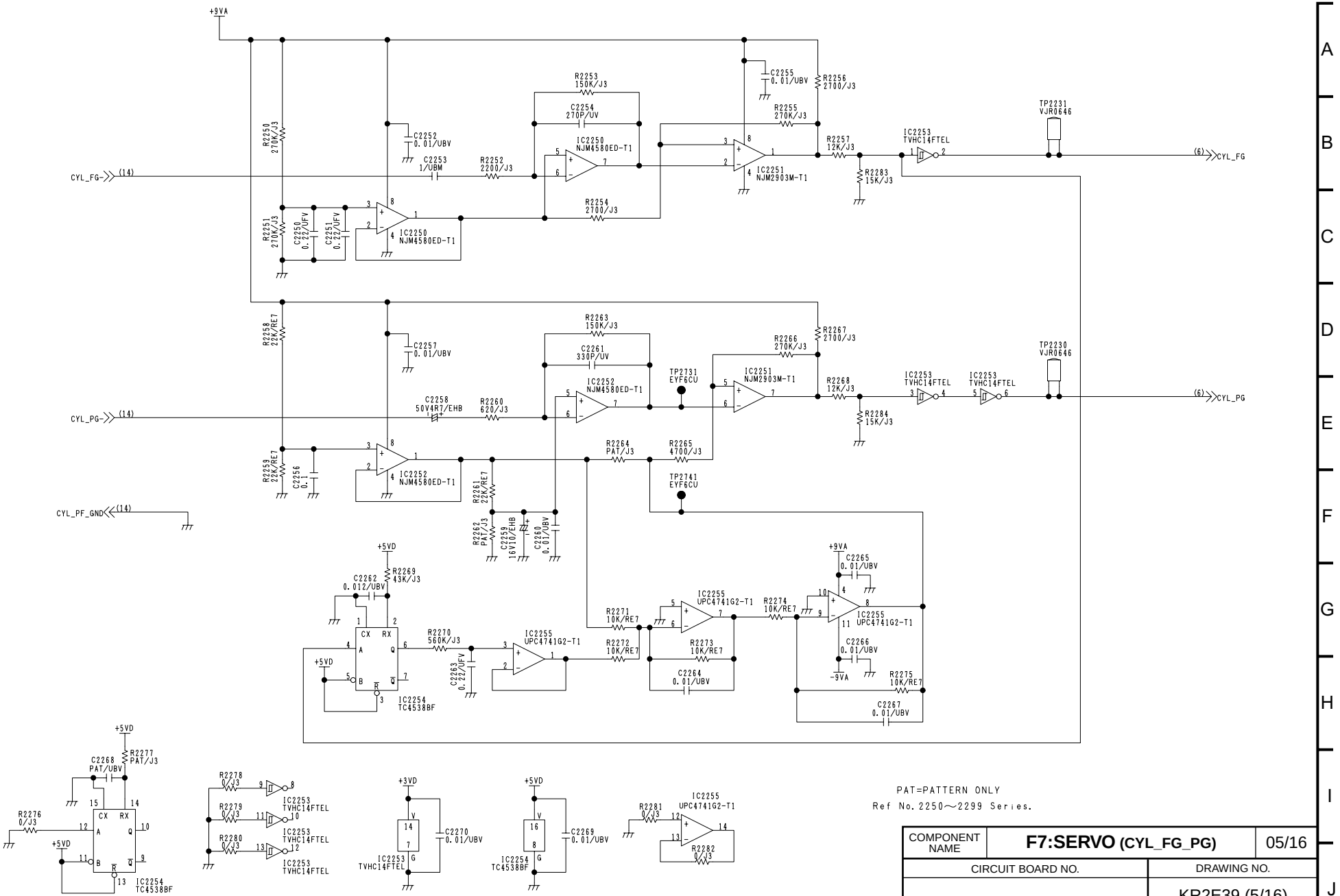
COMPONENT NAME	F7:SERVO (CAP_FG)	02/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82242A	KR2E39 (2/16) (1)	
	SCM101	



COMPONENT NAME	**F7:SERVO (SRL_FG)**	03/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82242A	KR2E39 (3/16) (1)	
	SCM102	



COMPONENT NAME	F7:SERVO (TRL_FG)	04/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82242A	KR2E39 (4/16) (1)	
	SCM103	



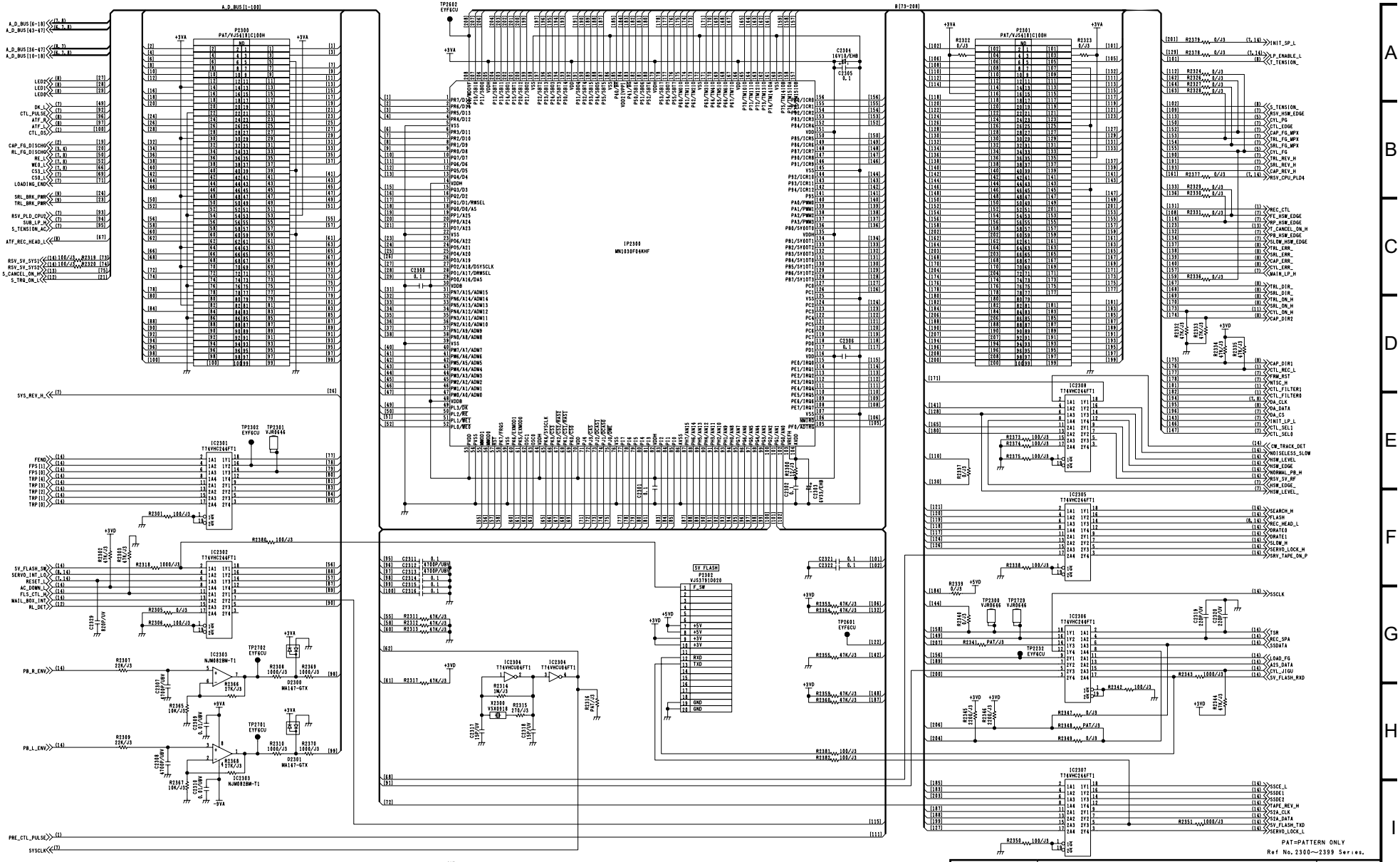
PAT=PATTERN ONLY

Ref No. 2250～2299 Series.

COMPONENT NAME	**F7:SERVO (CYL_FG_PG)**	05/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP82242A		KR2E39 (5/16) (1)
		SCM104

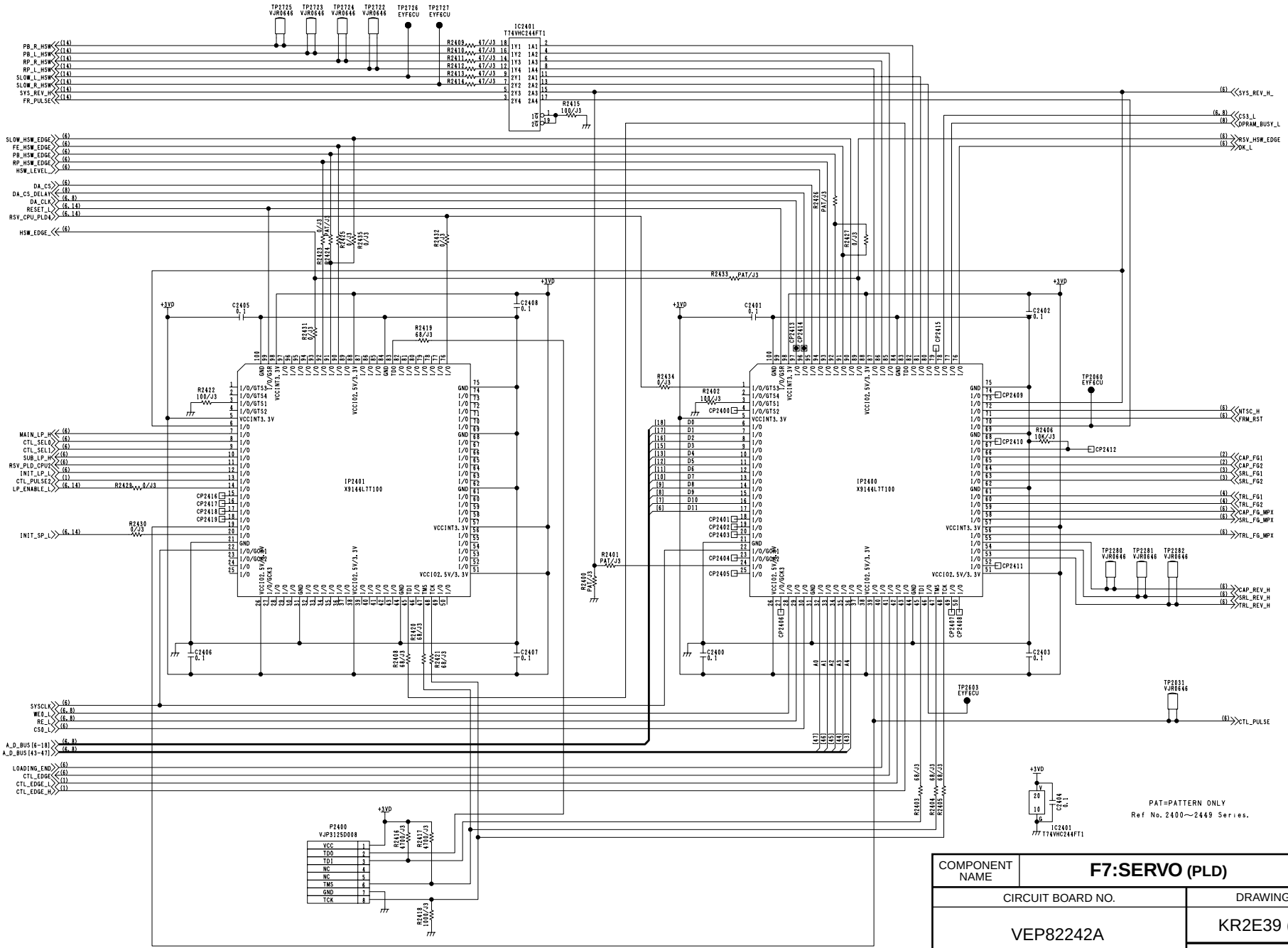
A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

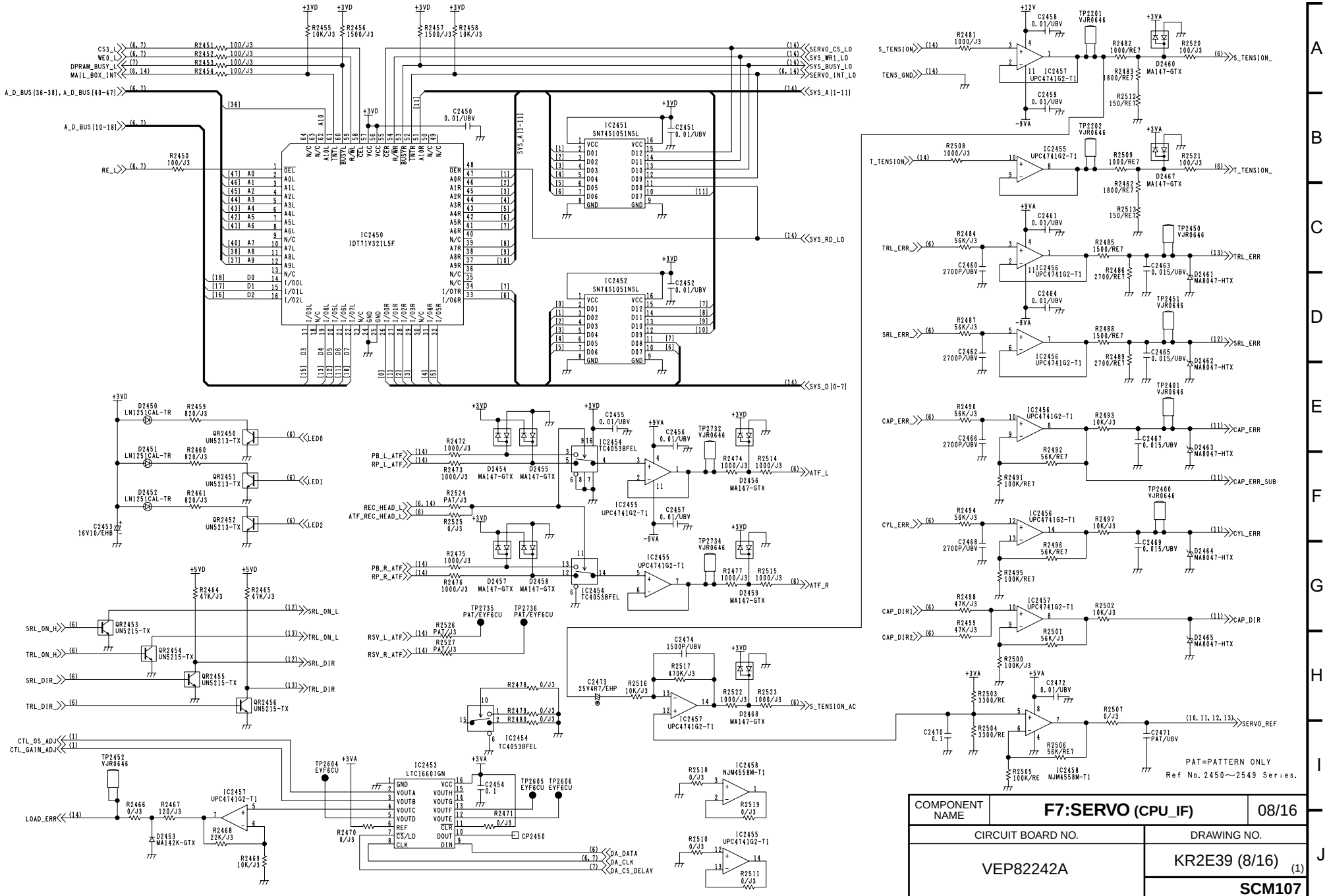


COMPONENT NAME	**F7:SERVO (CPU)**	06/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82242A	KR2E39 (6/16) (1)	
	SCM105	

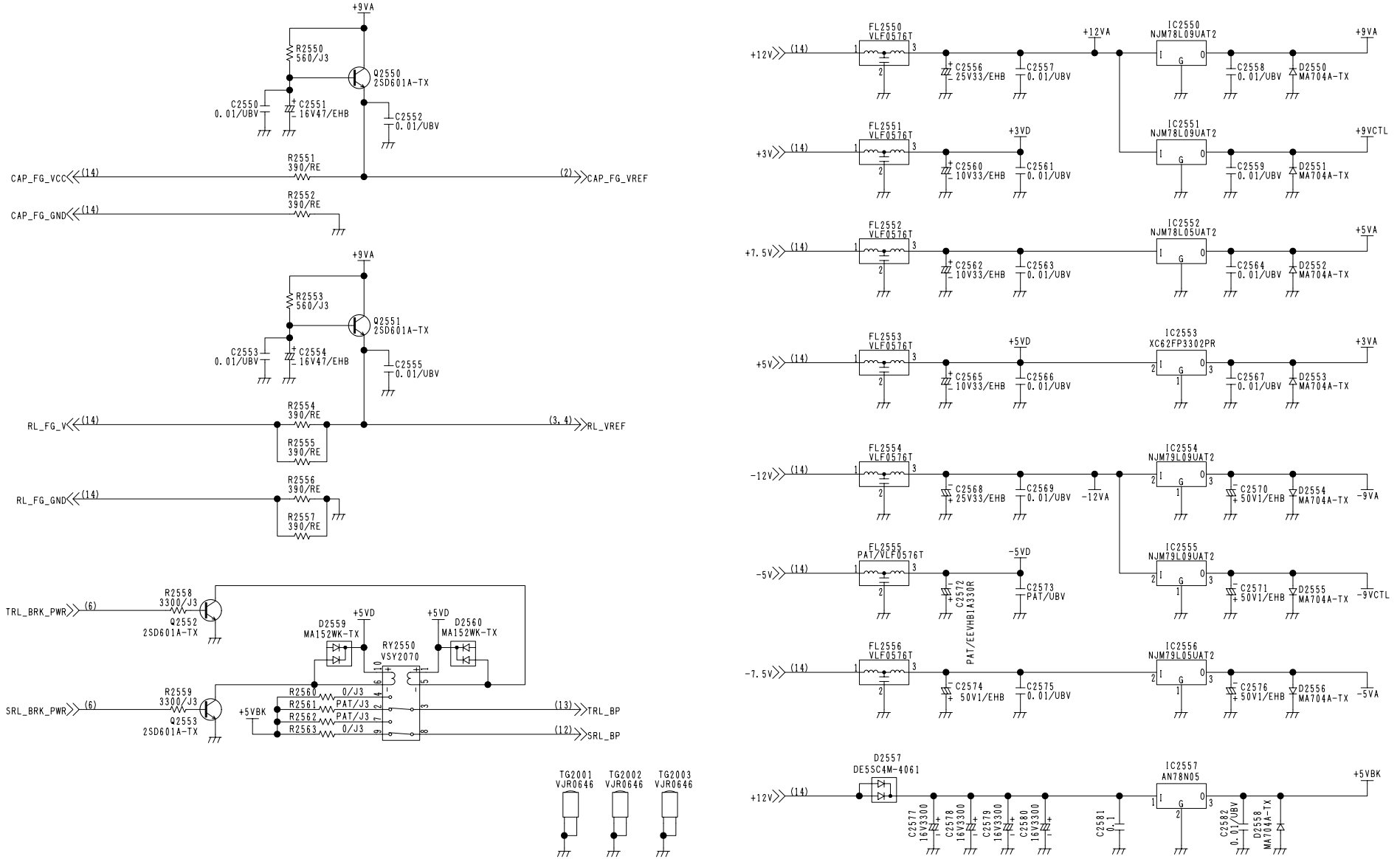
PAT=PATTERN ONLY
Ref No. 2300~2399 Series.



COMPONENT NAME	F7:SERVO (PLD)	07/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP82242A		KR2E39 (7/16) (1)
		SCM106



COMPONENT NAME	**F7:SERVO (CPU_IF)**	08/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP82242A		KR2E39 (8/16) (1)
		SCM107

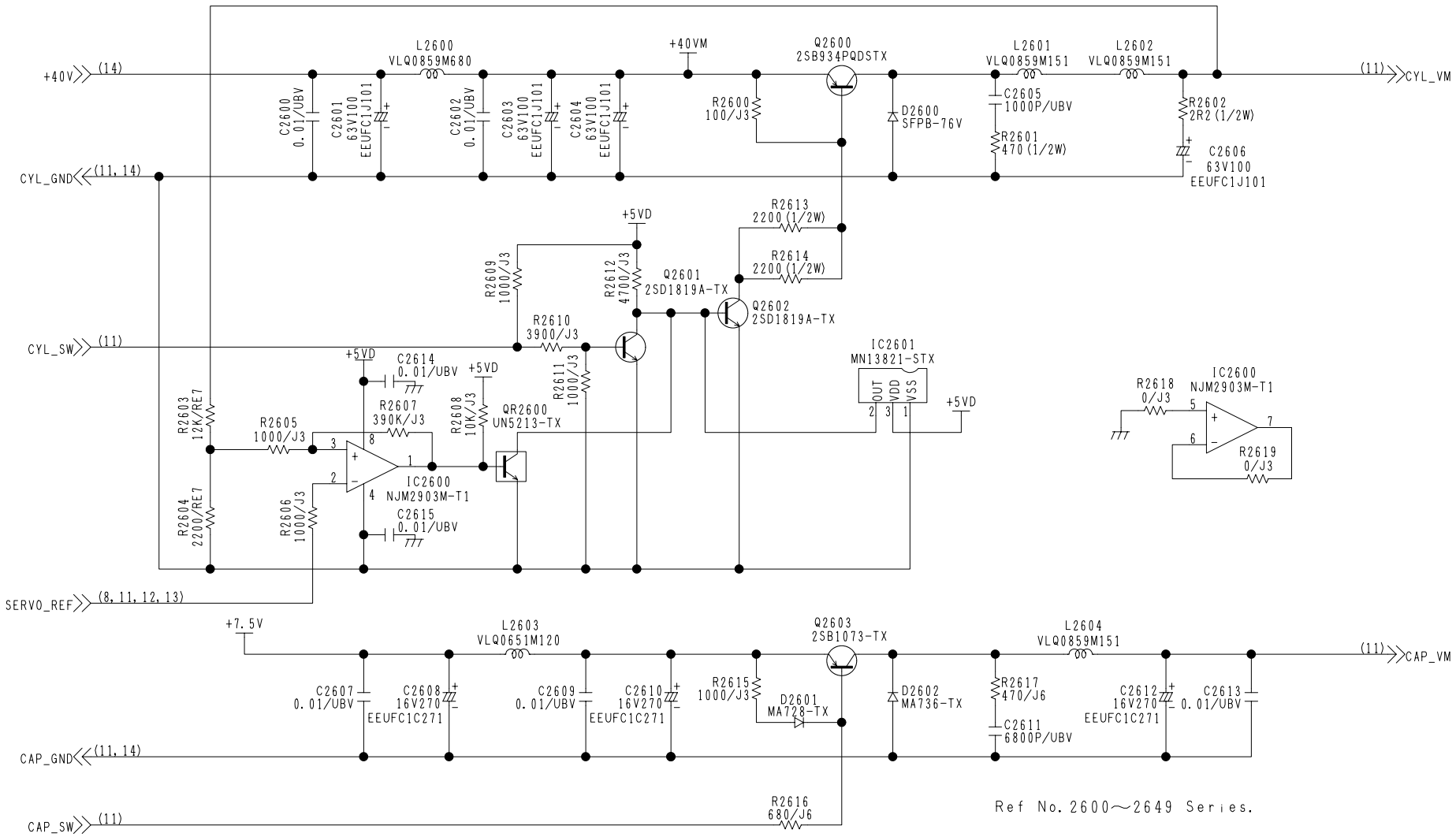


Ref No. 2550～2599 Series.

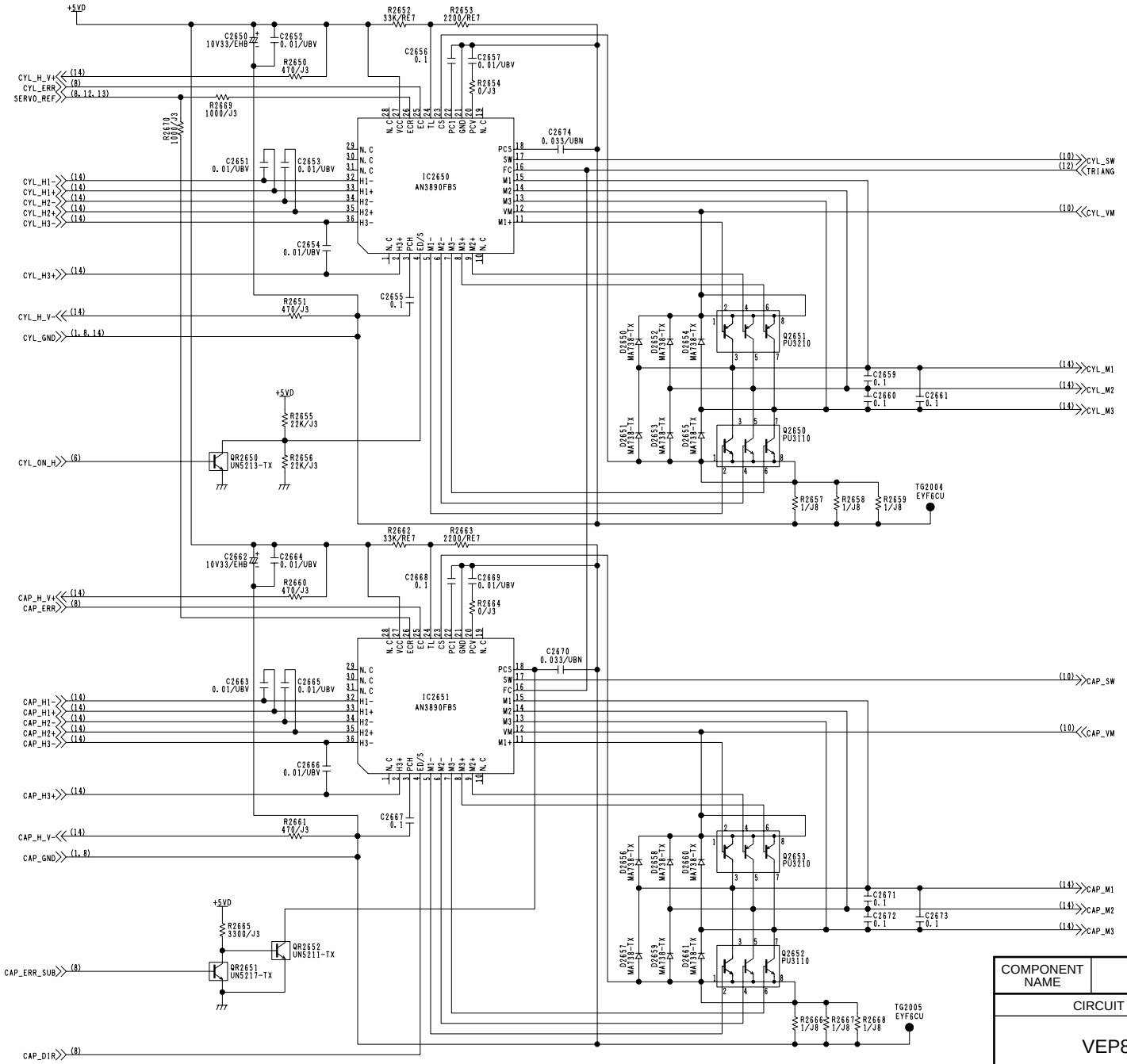
COMPONENT NAME	**F7:SERVO (POWER)**	09/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82242A	KR2E39 (9/16) (1)	
	SCM108	

A B C D E F G H I J

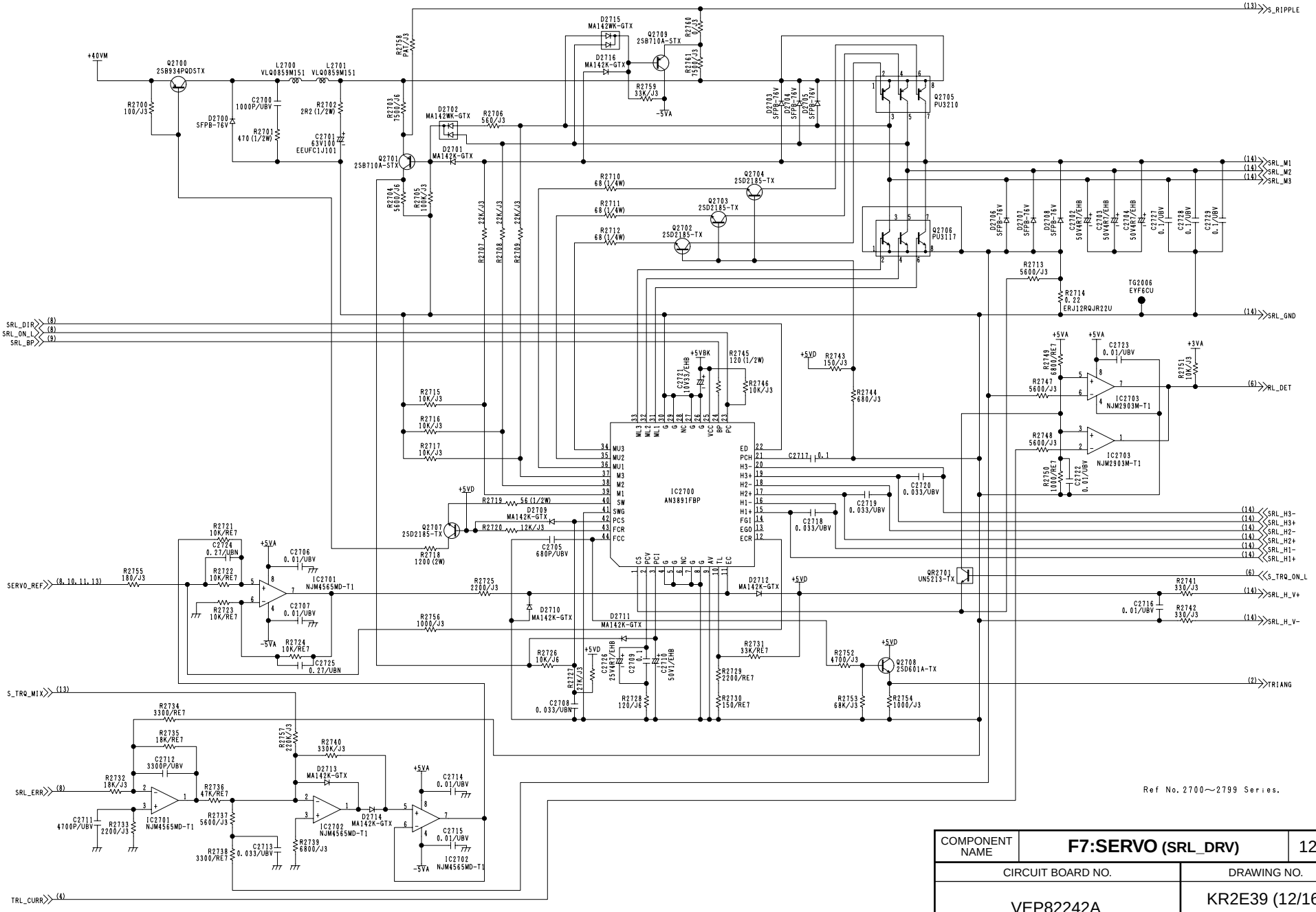
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

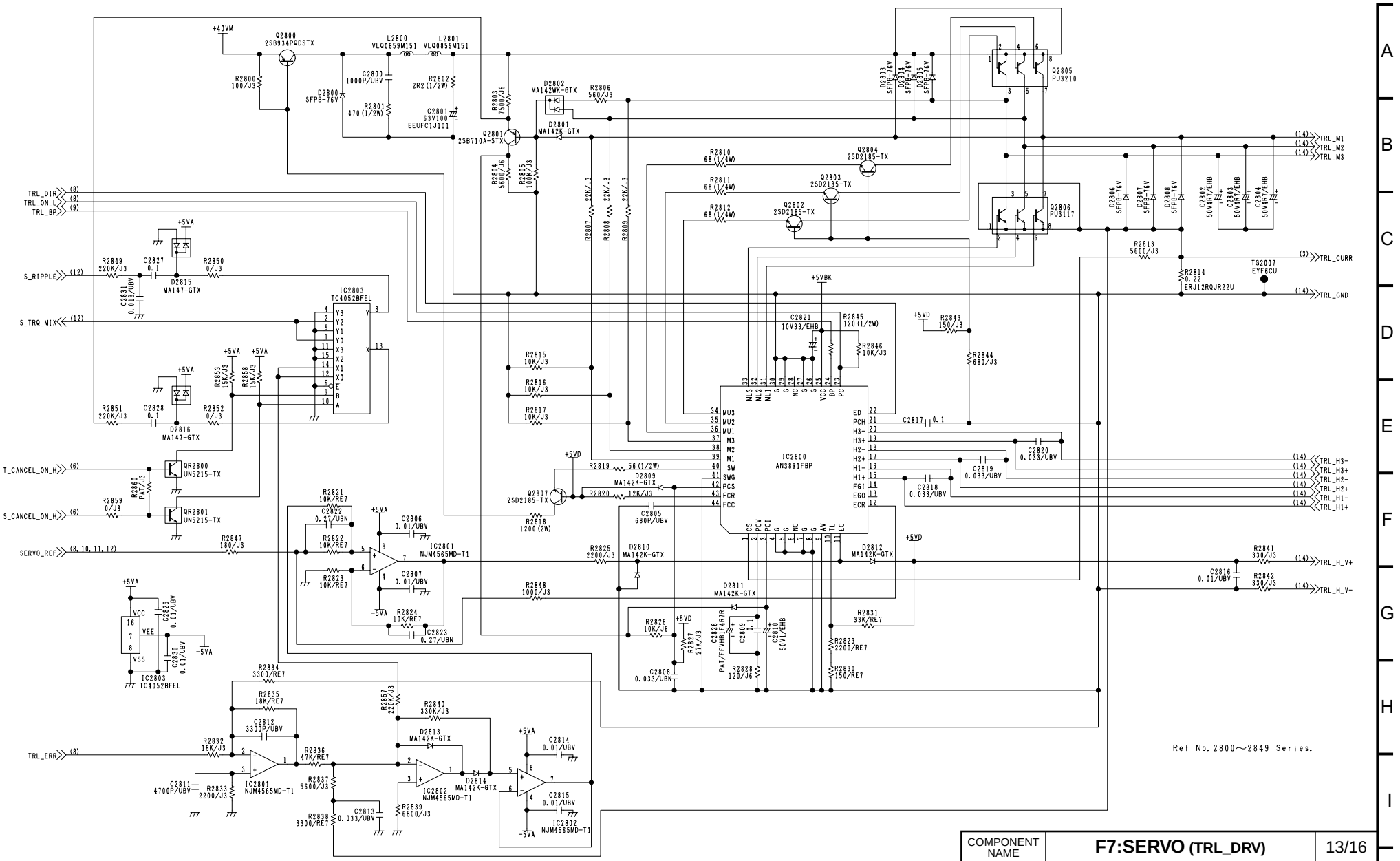


COMPONENT NAME	F7:SERVO (SW_REG)	10/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82242A	KR2E39 (10/16) (1)	
	SCM109	

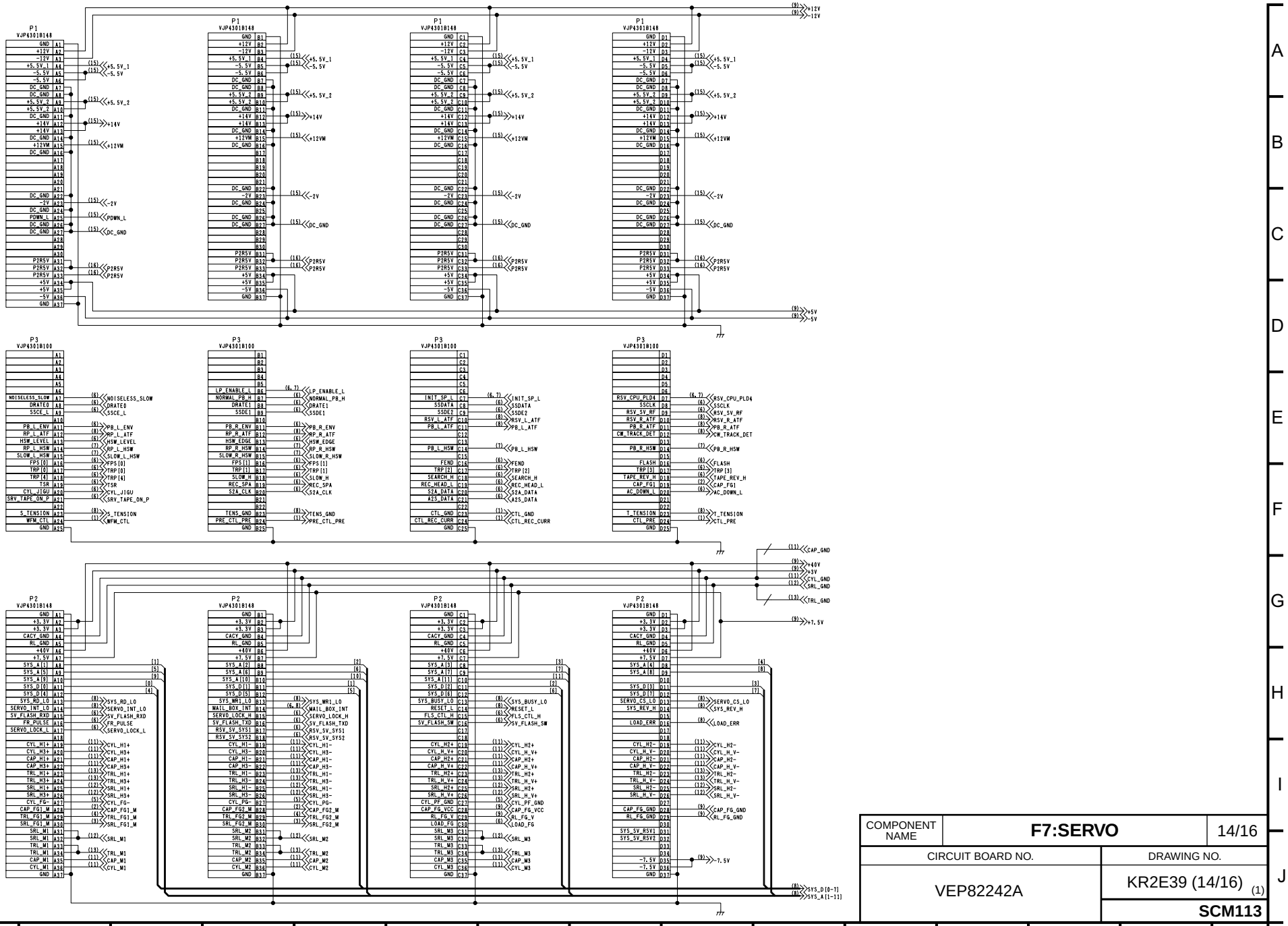


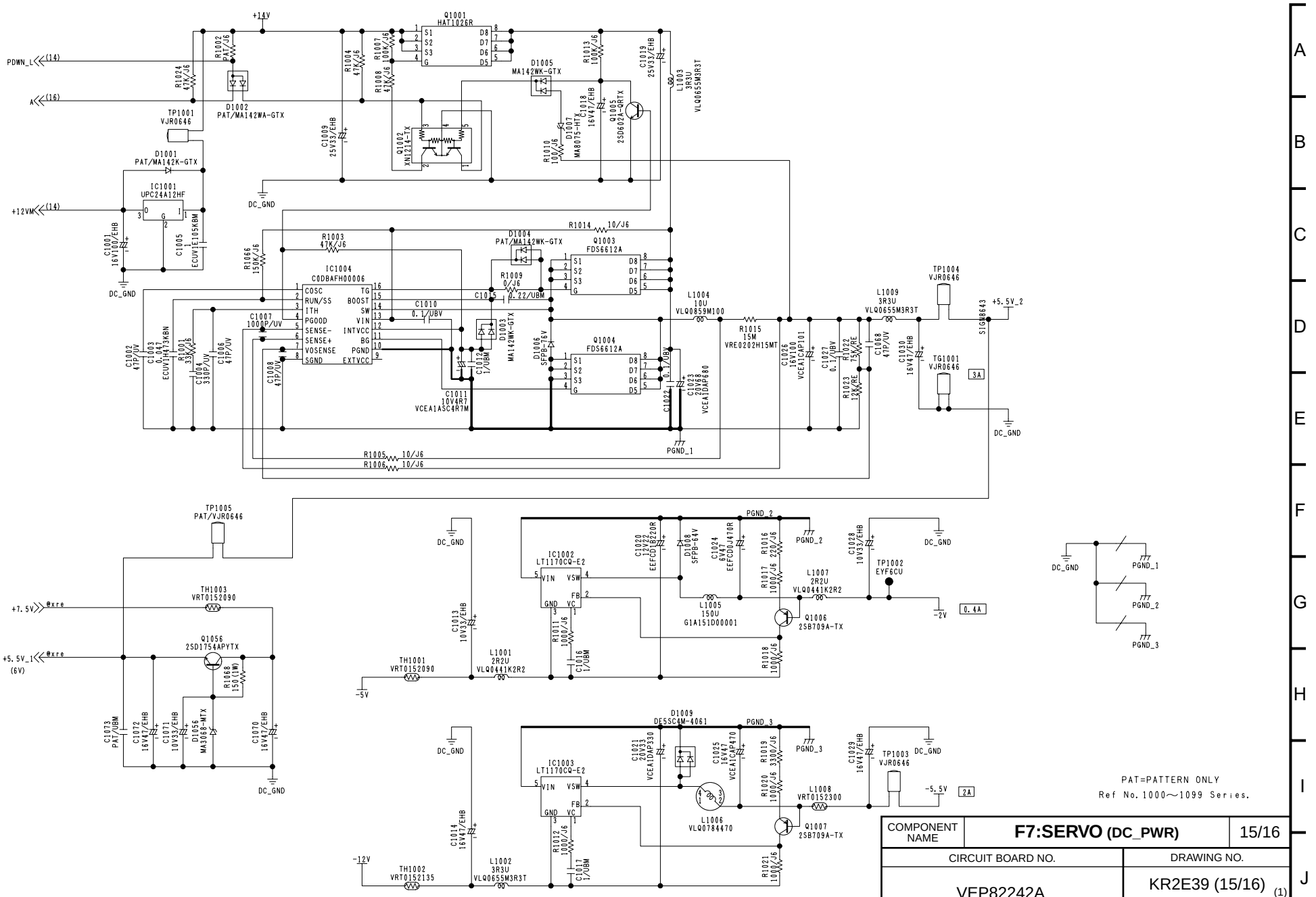
COMPONENT NAME	**F7:SERVO (CA_CY_DRV)**	11/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP82242A		KR2E39 (11/16) (1)
		SCM110

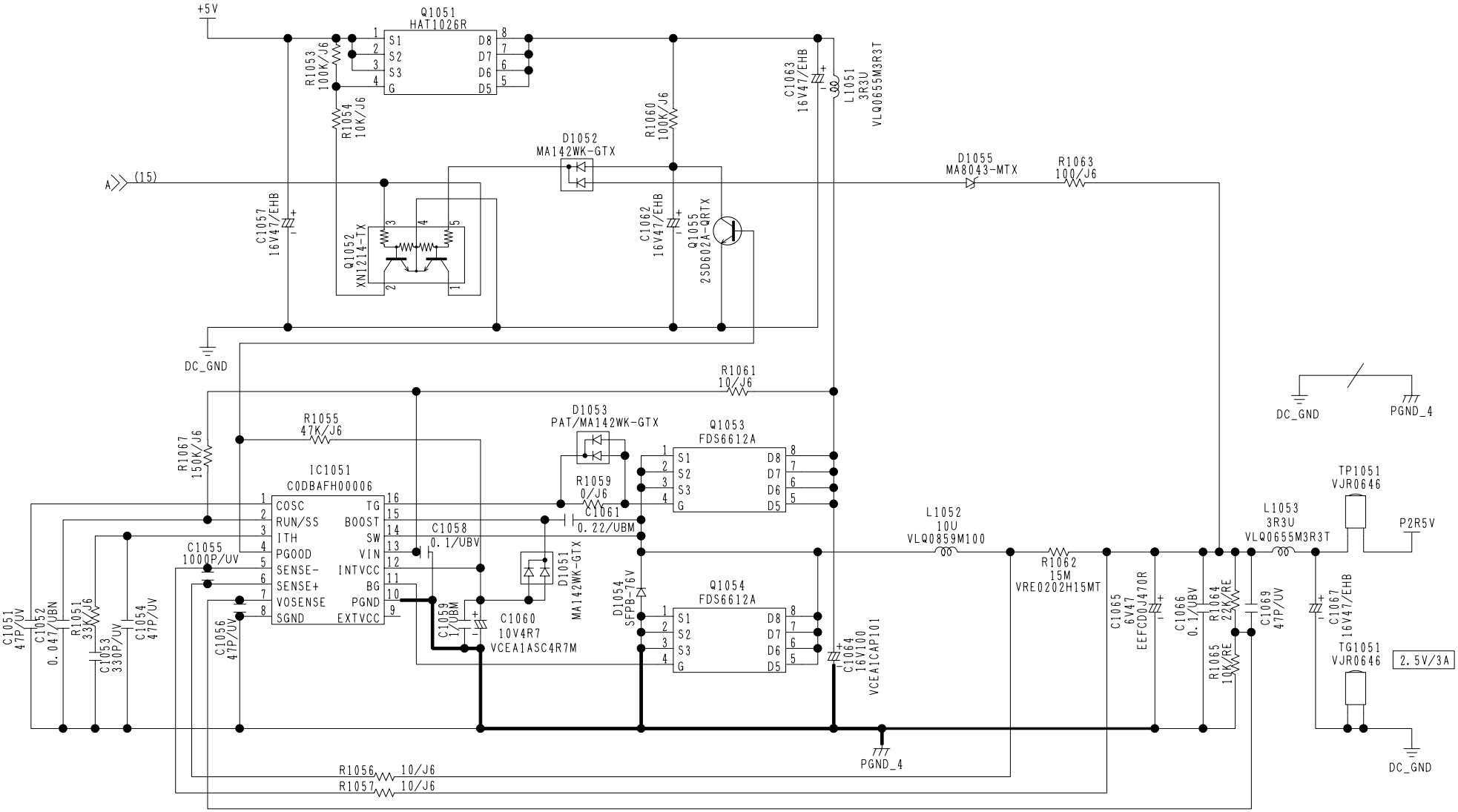

+40VM
Q2700 2SB934PQDSTX
L2700 VLQ0859M151
L2701 VLQ0859M151
R2700 100/J3
D2700 SFPB-76V
C2700 1000P/UBV
R2701 470 (1/2W)
R2702 2R2 (1/2W)
C2701 63V100 EEUFC1JJ101
R2758 PAT/J3
D2715 MA142WK-GTX
Q2709 2SB710A-STX
R2760 33/J3
D2716 MA142K-GTX
R2761 250/J3
R2759 33K/J3
-5VA
D2703 SFPB-76V
D2704 SFPB-76V
D2705 SFPB-76V
Q2705 PU3210
(13) S_RIPPLE
R2703 1500/J6
D2702 MA142WK-GTX
R2706 560/J3
D2701 MA142K-GTX
Q2701 2SB710A-STX
R2704 5600/J6
R2705 100K/J3
R2710 68 (1/4W)
R2711 68 (1/4W)
R2712 68 (1/4W)
Q2704 2SD2185-TX
Q2703 2SD2185-TX
Q2702 2SD2185-TX
Q2706 PU3117
R2707 22K/J3
R2708 22K/J3
R2709 22K/J3
D2706 SFPB-76V
D2707 SFPB-76V
D2708 SFPB-76V
C2702 50V4R7/EHB
C2703 50V4R7/EHB
C2704 50V4R7/EHB
C2727 0.1/UBV
C2728 0.1/UBV
C2729 0.1/UBV
(14) SRL_M1
(14) SRL_M2
(14) SRL_M3
R2713 5600/J3
R2714 0.22 ERJ12RQJR22U
TG2006 EYF6CU
(14) SRL_GND
SRL_DIR (8)
SRL_ON_L (8)
SRL_BP (9)
+5VBK
C2721 6V33/EHB
R2745 120 (1/2W)
R2746 10K/J3
+5VD
R2743 150/J3
R2744 680/J3
R2715 10K/J3
R2716 10K/J3
R2717 10K/J3
IC2700 AN3891FBP
WU3 WU2 WU1 W3 W2 W1 SW SWG PCS FCR FCC
WL3 WL2 WL1 G NC S VCC BP PC
ED PCH H3- H3+ H2- H2+ H1- H1+ FGI EGO ECR
C2717 0.1
+5VA
R2749 6800/RE7
C2723 0.01/UBV
+3VA
R2751 10K/J3
R2747 5600/J3
IC2703 NJM2903M-T1
(6) RL_DET
R2748 5600/J3
R2750 1000/RE7
C2722 0.01/UBV
C2720 0.033/UBV
C2719 0.033/UBV
C2718 0.033/UBV
(14) SRL_H3-
(14) SRL_H3+
(14) SRL_H2-
(14) SRL_H2+
(14) SRL_H1-
(14) SRL_H1+
+5VD
R2719 56 (1/2W)
Q2707 2SD2185-TX
D2709 MA142K-GTX
R2720 12K/J3
R2718 1200 (2W)
C2705 680P/UBV
R2721 10K/RE7
C2724 0.27/UBN
+5VA
C2706 0.01/UBV
SERVO_REF (8, 10, 11, 13)
R2755 180/J3
R2722 10K/RE7
IC2701 NJM4565MD-T1
R2723 10K/RE7
C2707 0.01/UBV
-5VA
R2724 10K/RE7
C2725 0.27/UBN
R2725 2200/J3
R2756 1000/J3
D2710 MA142K-GTX
D2711 MA142K-GTX
D2712 MA142K-GTX
+5VD
QR2701 UN5213-TX
(6) S_TRQ_ON_L
R2741 330/J3
(14) SRL_H_V+
C2716 0.01/UBV
R2742 330/J3
(14) SRL_H_V-
R2726 10K/J6
+5VD
R2727 27K/J3
C2709 0.1
C2726 25V4R7/EHB
C2710 50V1/EHB
R2728 120/J6
C2708 0.033/UBN
R2731 33K/RE7
R2729 2200/RE7
R2730 150/RE7
R2752 4700/J3
Q2708 2SD601A-TX
R2753 68K/J3
R2754 1000/J3
(2) TRIANG
S_TRQ_MIX (13)
R2734 3300/RE7
R2735 18K/RE7
C2712 3300P/UBV
R2757 22K/J3
R2740 330K/J3
D2713 MA142K-GTX
SRL_ERR (8)
R2732 18K/J3
R2736 47K/RE7
C2711 4700P/UBV
R2733 2200/J3
IC2701 NJM4565MD-T1
R2737 5600/J3
R2738 3300/RE7
C2713 0.033/UBV
R2739 6800/J3
D2714 MA142K-GTX
+5VA
C2714 0.01/UBV
C2715 0.01/UBV
IC2702 NJM4565MD-T1
-5VA
TRL_CURR (4)
Ref No. 2700～2799 Series.
COMPONENT NAME
F7:SERVO (SRL_DRV)
12/16
CIRCUIT BOARD NO.
VEP82242A
DRAWING NO.
KR2E39 (12/16) (1)
SCM111
A B C D E F G H I J
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



COMPONENT NAME	F7:SERVO (TRL_DRV)	13/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP82242A		KR2E39 (13/16) (1)
		SCM112


P1 VJP4301B148
P3 VJP4301B100
P2 VJP4301B148
COMPONENT NAME
F7:SERVO
14/16
CIRCUIT BOARD NO.
VEP82242A
DRAWING NO.
KR2E39 (14/16) (1)
SCM113


+14V
PDWN_L (14)
A (16)
+12VM (14)
DC_GND
PAT=PATTERN ONLY
Ref No. 1000～1099 Series.
COMPONENT NAME
F7:SERVO (DC_PWR)
15/16
CIRCUIT BOARD NO.
VEP82242A
DRAWING NO.
KR2E39 (15/16) (1)
SCM114



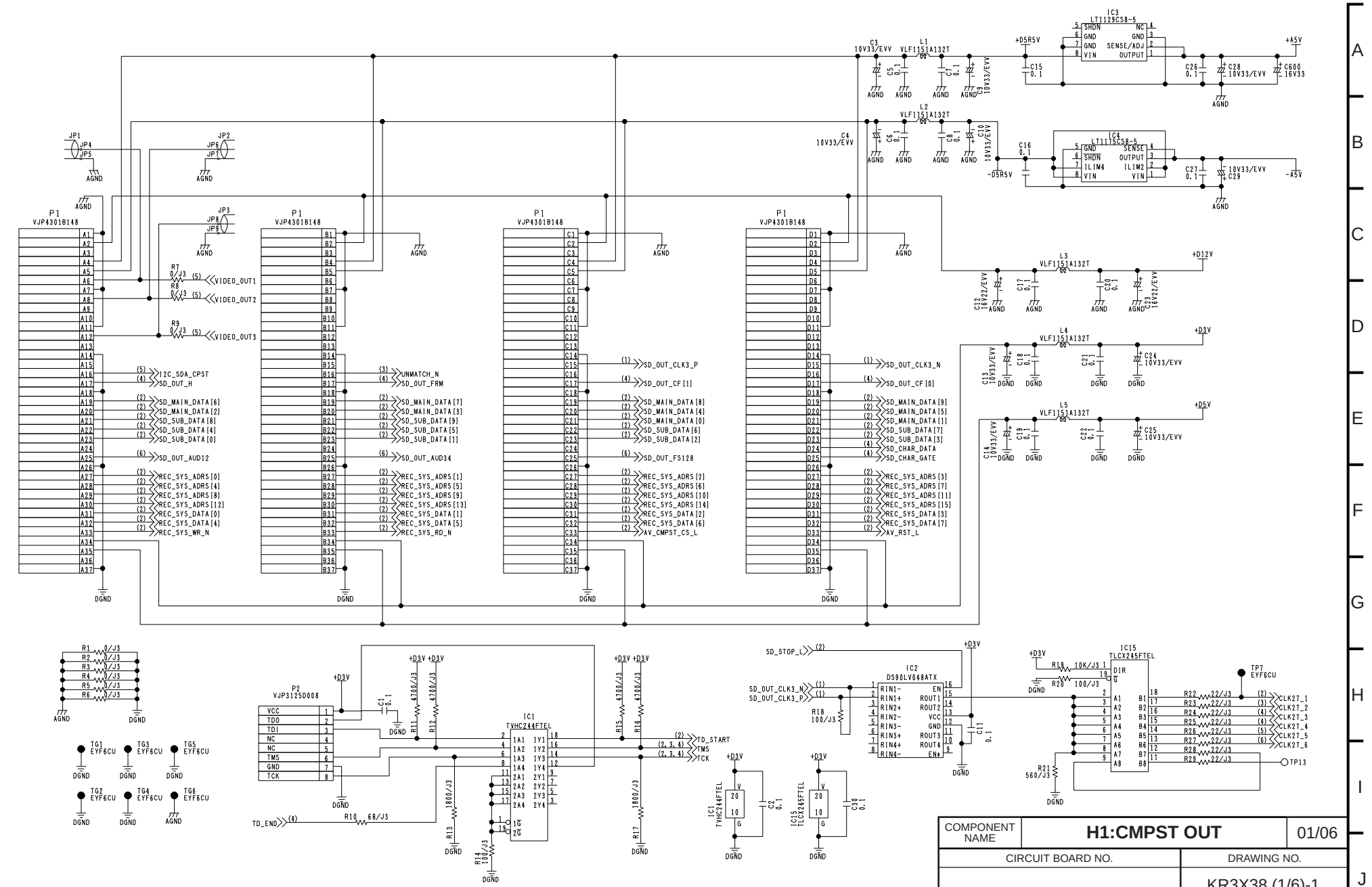
PAT=PATTERN ONLY

Ref No. 1050 Series.

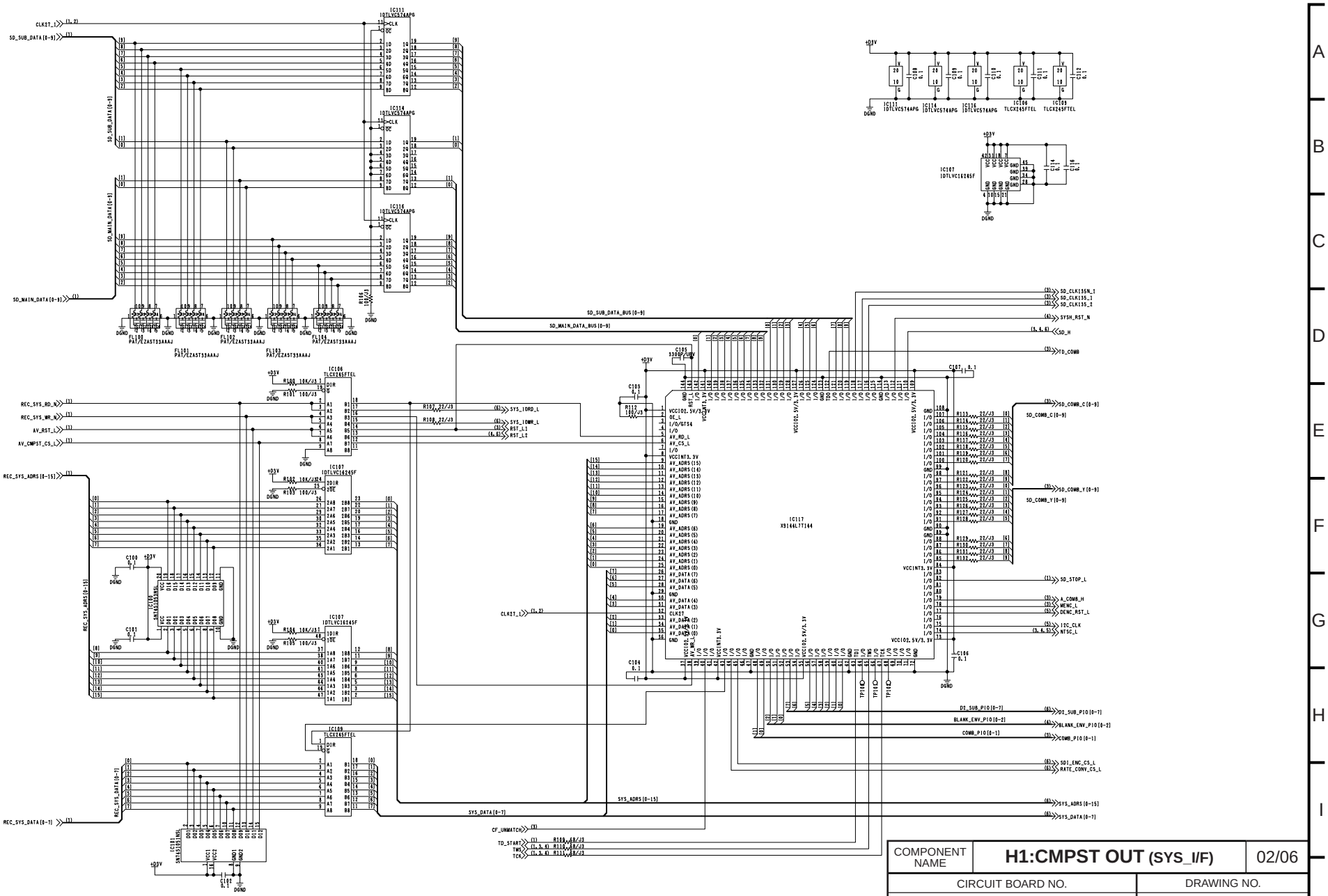
COMPONENT NAME	**F7:SERVO (DC_PWR)**	16/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP82242A		KR2E39 (16/16) (1)
		SCM115

A B C D E F G H I J

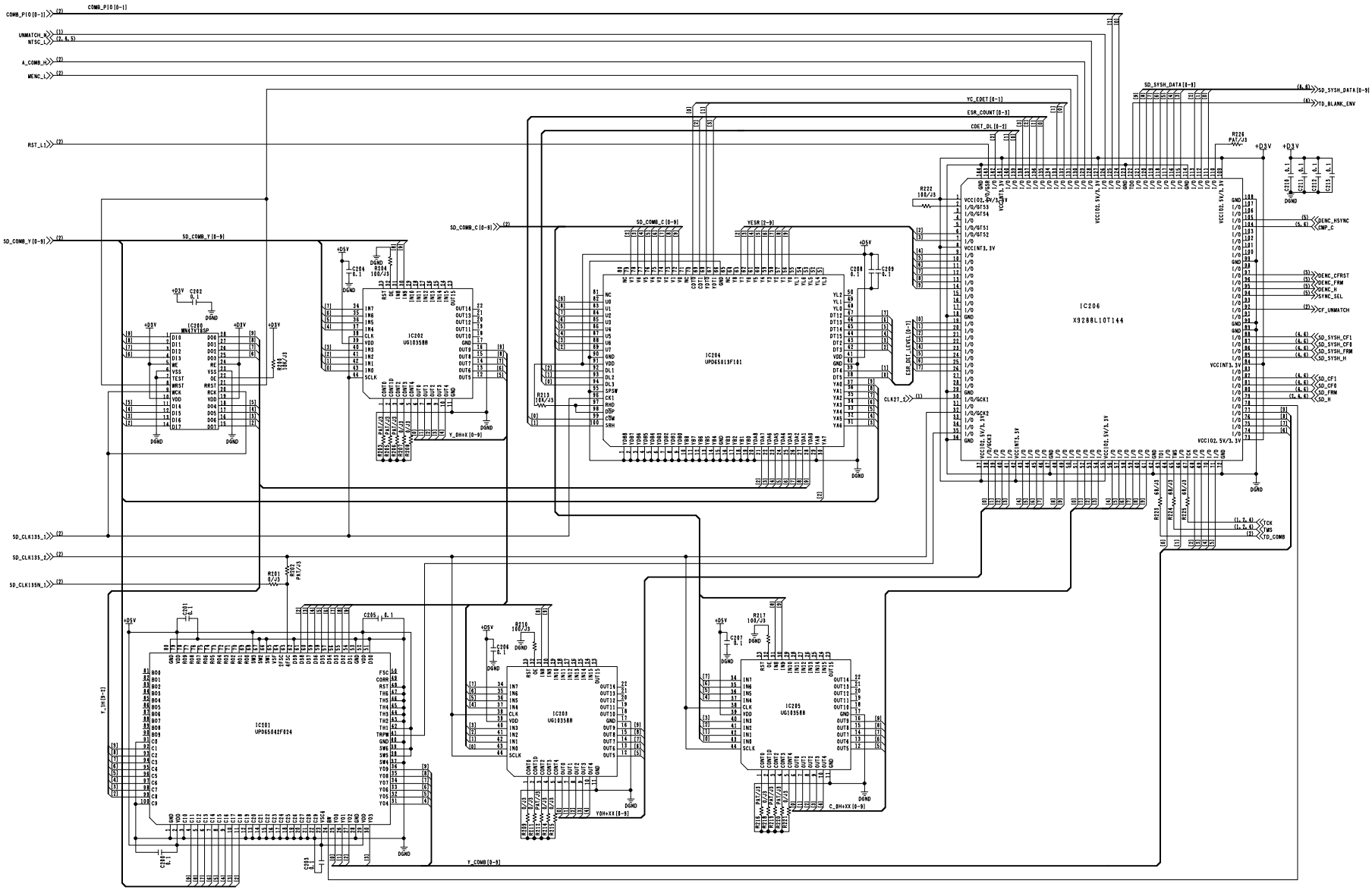
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



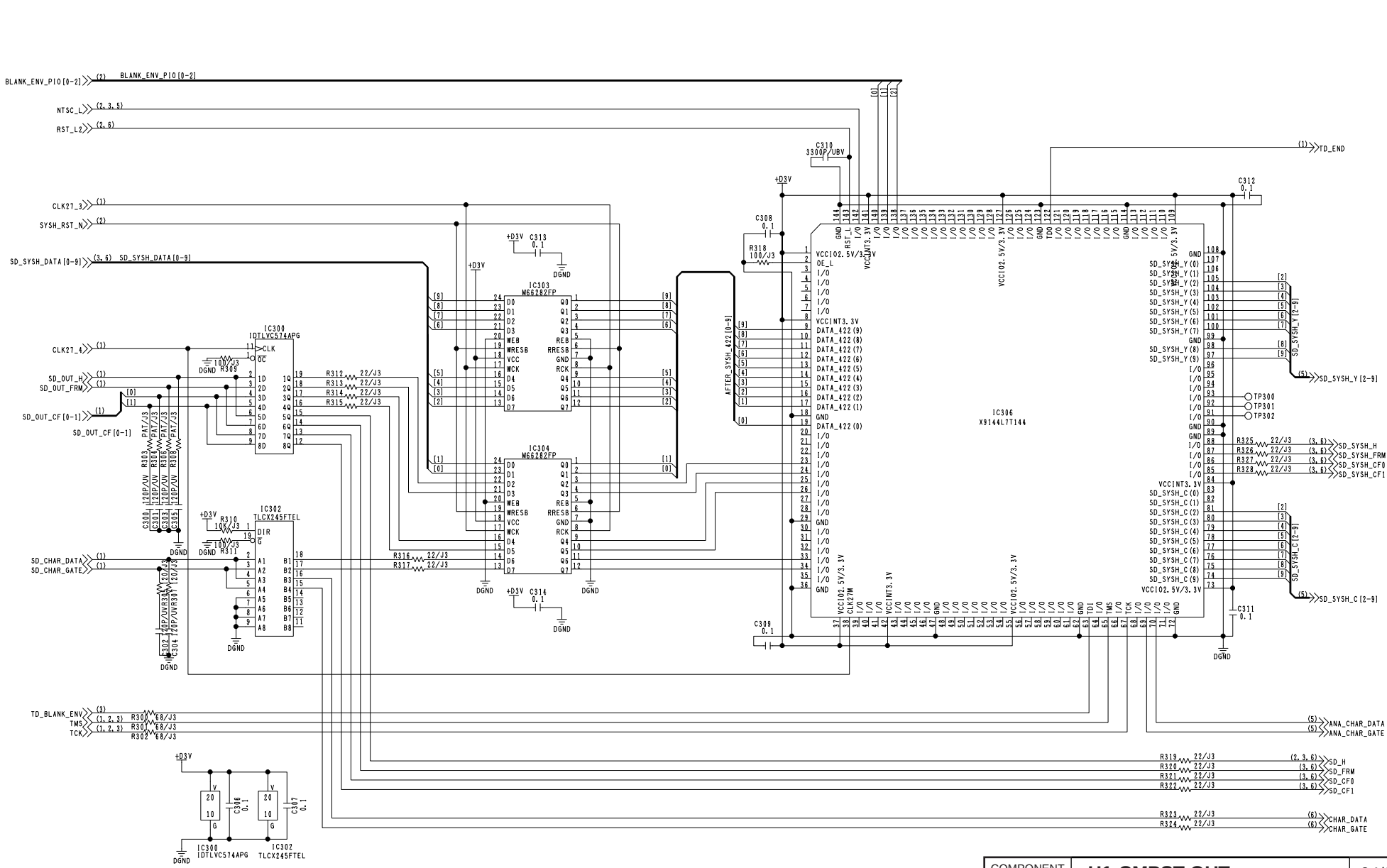
COMPONENT NAME	H1:CMPST OUT	01/06
CIRCUIT BOARD NO.		DRAWING NO.
VEP83467C		KR3X38 (1/6)-1 (0)
		SCM116



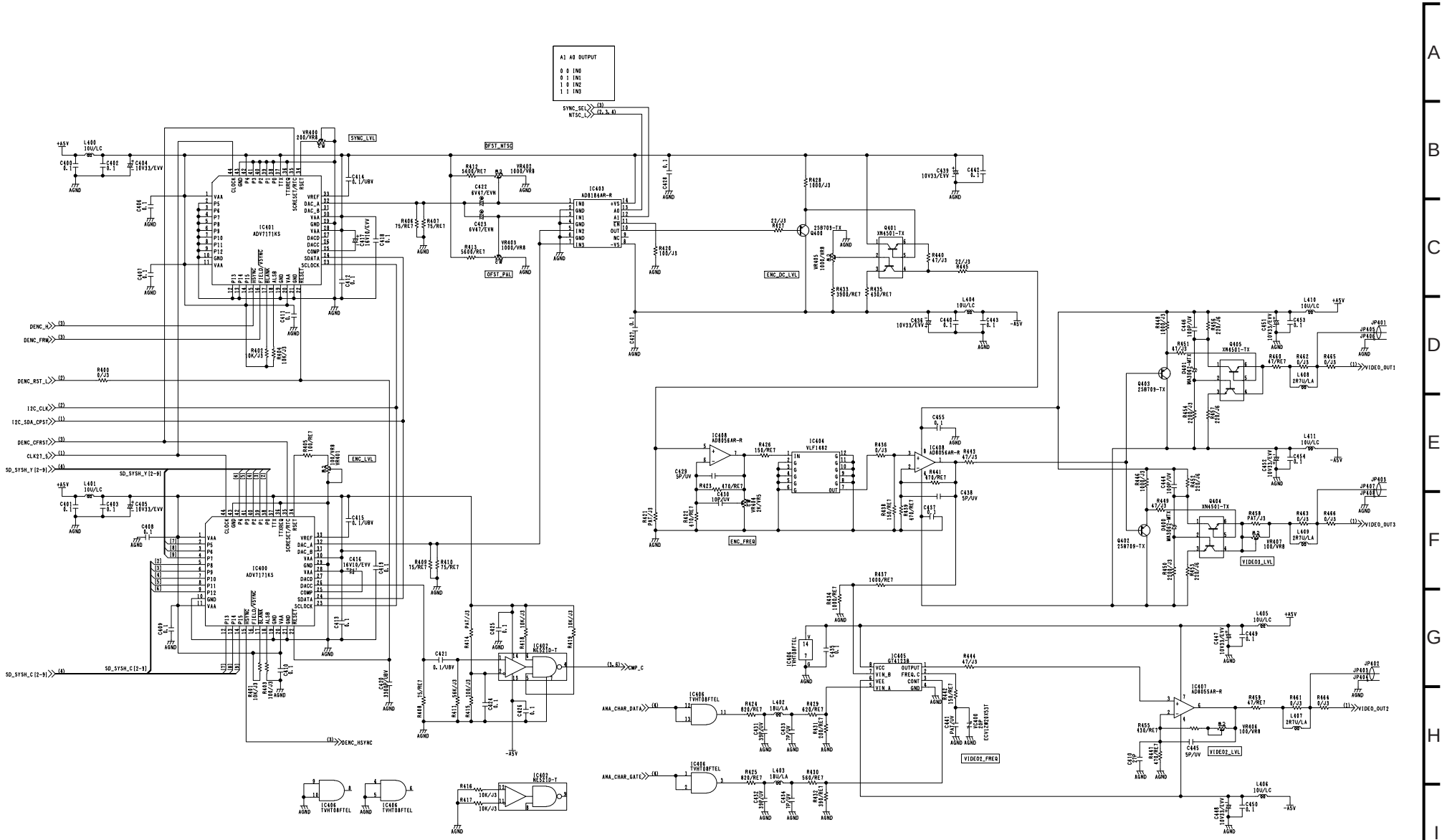
COMPONENT NAME	**H1:CMPST OUT (SYS_I/F)**	02/06
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83467C	KR3X38 (2/6)-1 (0)	
	SCM117	



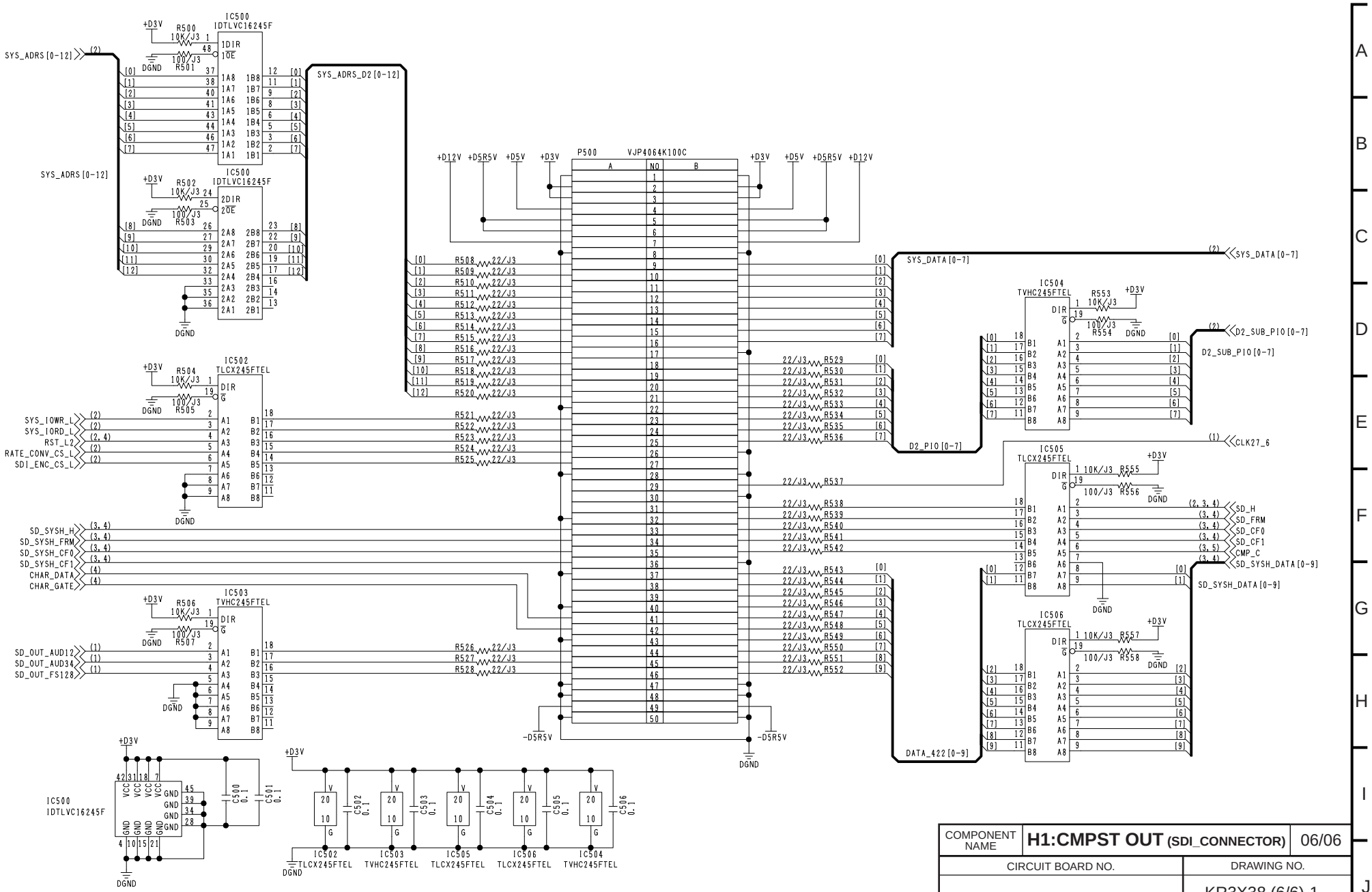
COMPONENT NAME	**H1:CMPST OUT (COMB)**	03/06
CIRCUIT BOARD NO.		DRAWING NO.
VEP83467C		KR3X38 (3/6)-1 (0)
		SCM118



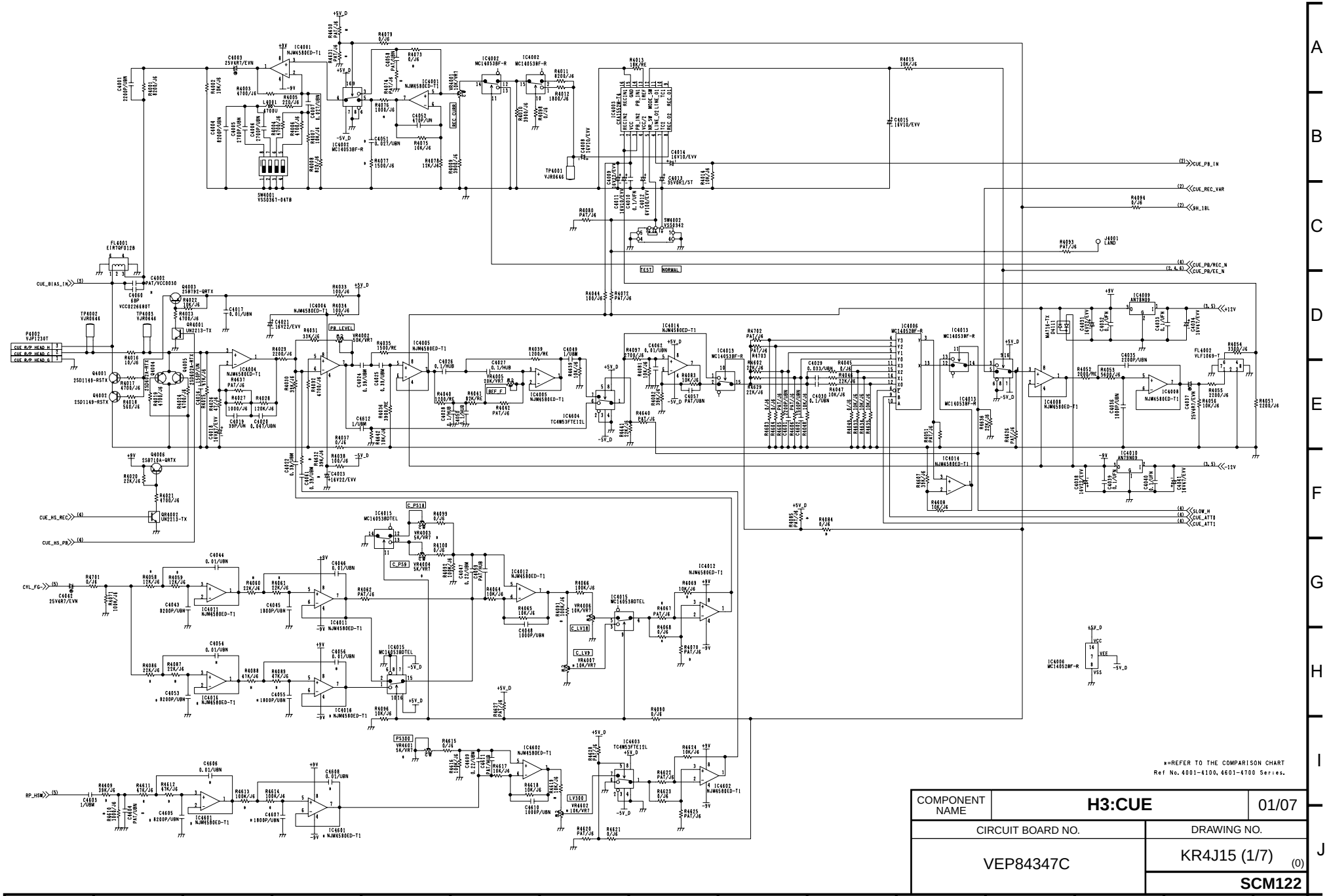
COMPONENT NAME	**H1:CMPST OUT (BLANK ENV)**	04/06
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83467C	KR3X38 (4/6)-1 (0)	
	SCM119	



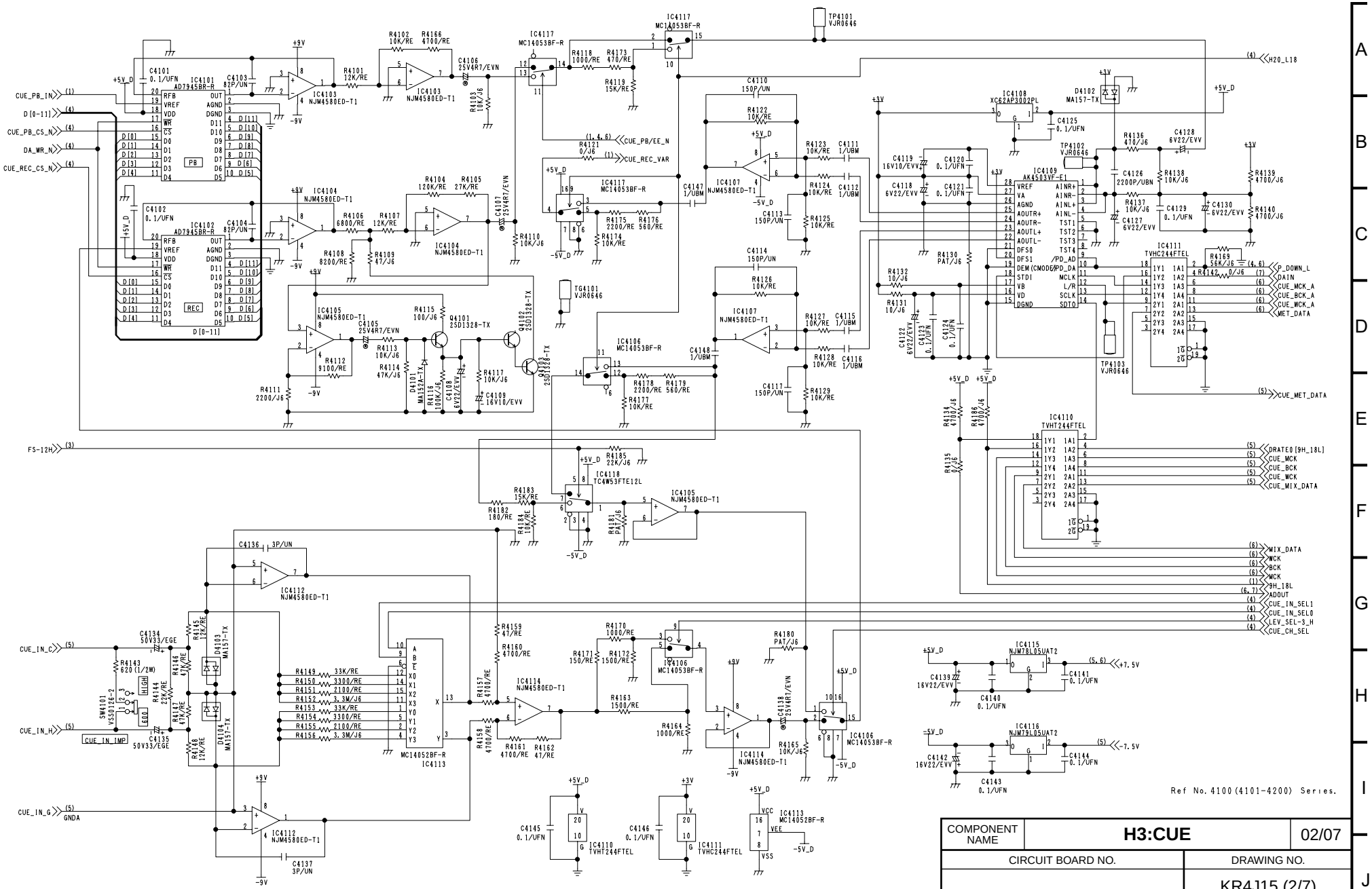
COMPONENT NAME	H1:CMPST OUT (D_ENCODER)	05/06
CIRCUIT BOARD NO.		DRAWING NO.
VEP83467C		KR3X38 (5/6)-1 (0)
		SCM120

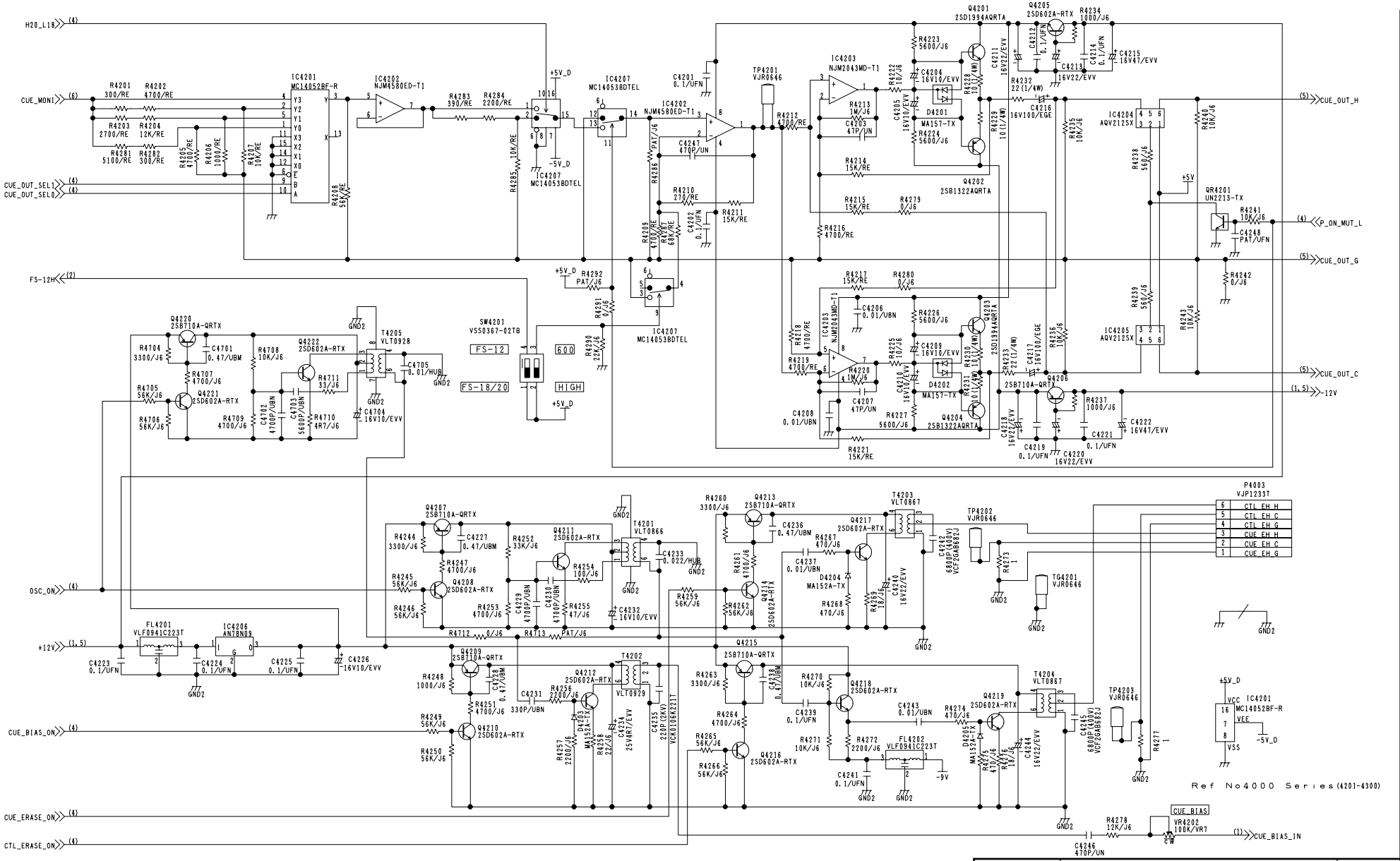


COMPONENT NAME	**H1:CMPST OUT (SDI_CONNECTOR)**	06/06
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83467C	KR3X38 (6/6)-1 (0)	
	SCM121	

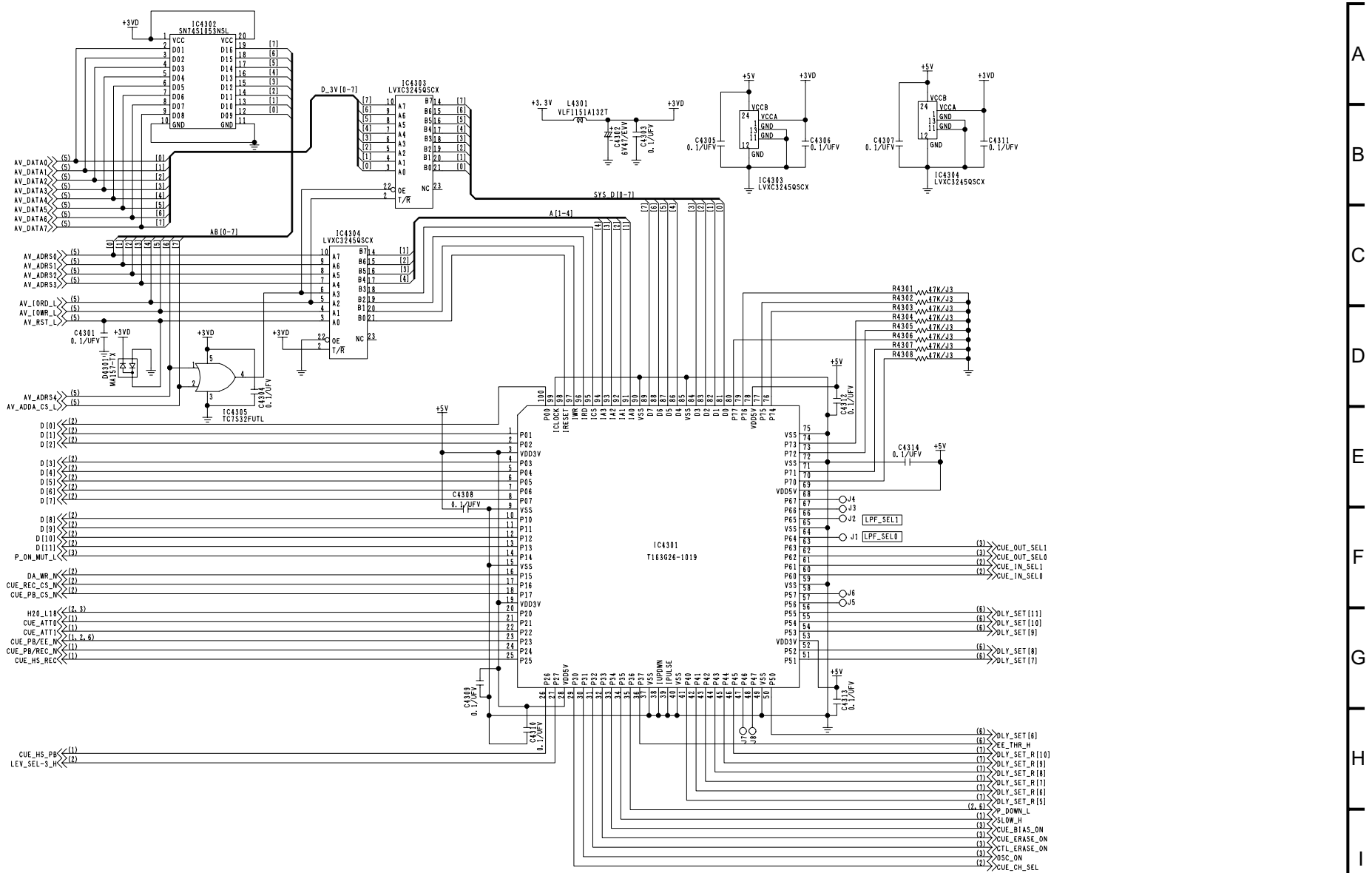


COMPONENT NAME	H3:CUE	01/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP84347C		KR4J15 (1/7) (0)
		SCM122


CUE_PB_IN
D[0-11]
CUE_PB_CS_N
DA_WR_N
CUE_REC_CS_N
FS-12H
CUE_IN_C
CUE_IN_H
CUE_IN_G
GNDA
H20_L18
CUE_PB/EE_N
CUE_REC_VAR
P_DOWN_L
DAIN
CUE_MCK_A
CUE_BCK_A
CUE_WCK_A
MET_DATA
CUE_MET_DATA
DRATE0[9H_18L]
CUE_MCK
CUE_BCK
CUE_WCK
CUE_MIX_DATA
MIX_DATA
MCK
BCK
WCK
9H_18L
ADOUT
CUE_IN_SEL1
CUE_IN_SEL0
EV_SEL-3_H
CUE_CH_SEL
+7.5V
-7.5V
Ref No. 4100(4101-4200) Series.
COMPONENT NAME
H3:CUE
02/07
CIRCUIT BOARD NO.
VEP84347C
DRAWING NO.
KR4J15 (2/7) (0)
SCM123

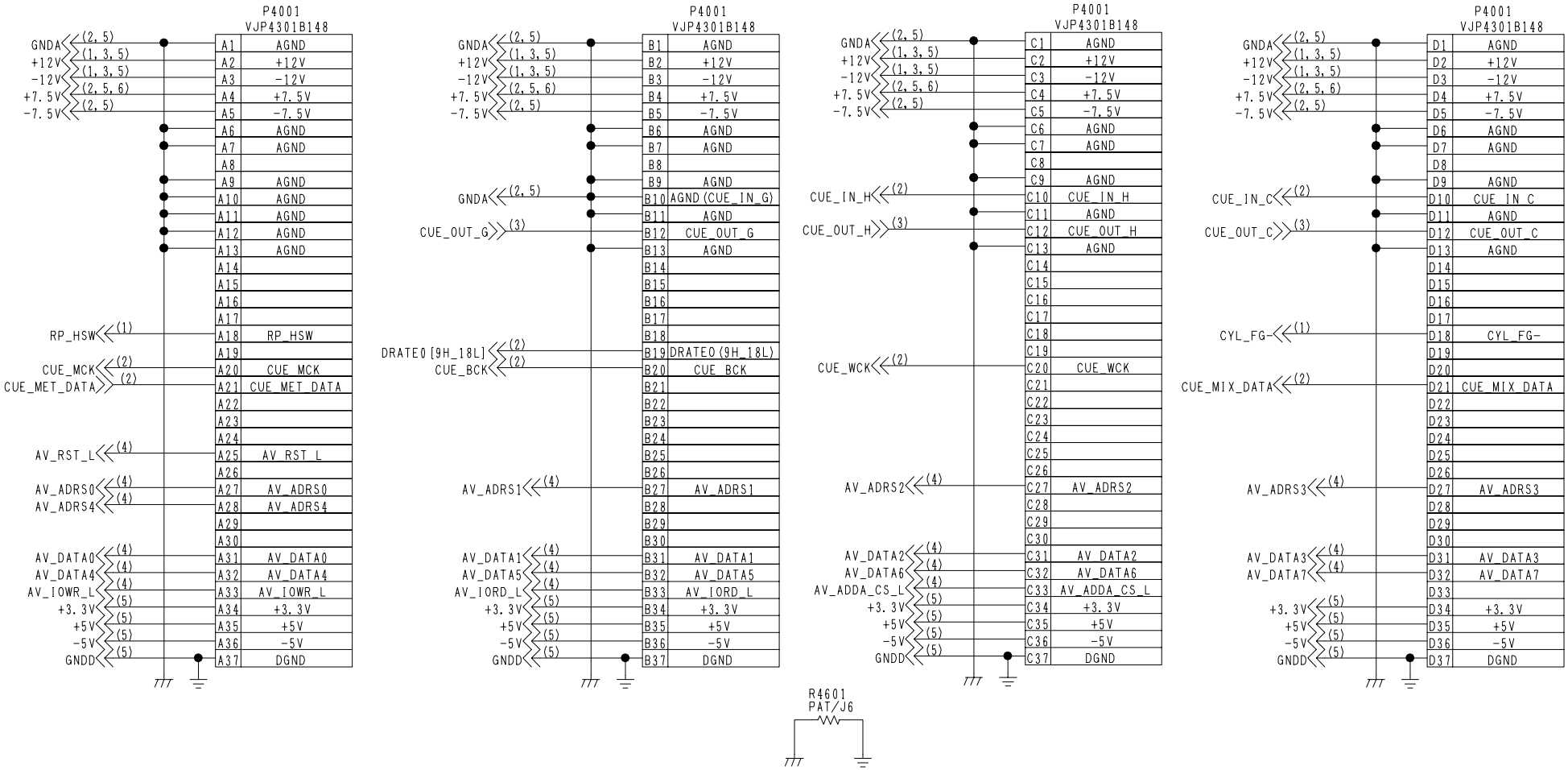


COMPONENT NAME	**H3:CUE**	03/07
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84347C	KR4J15 (3/7) (0)	
	SCM124	

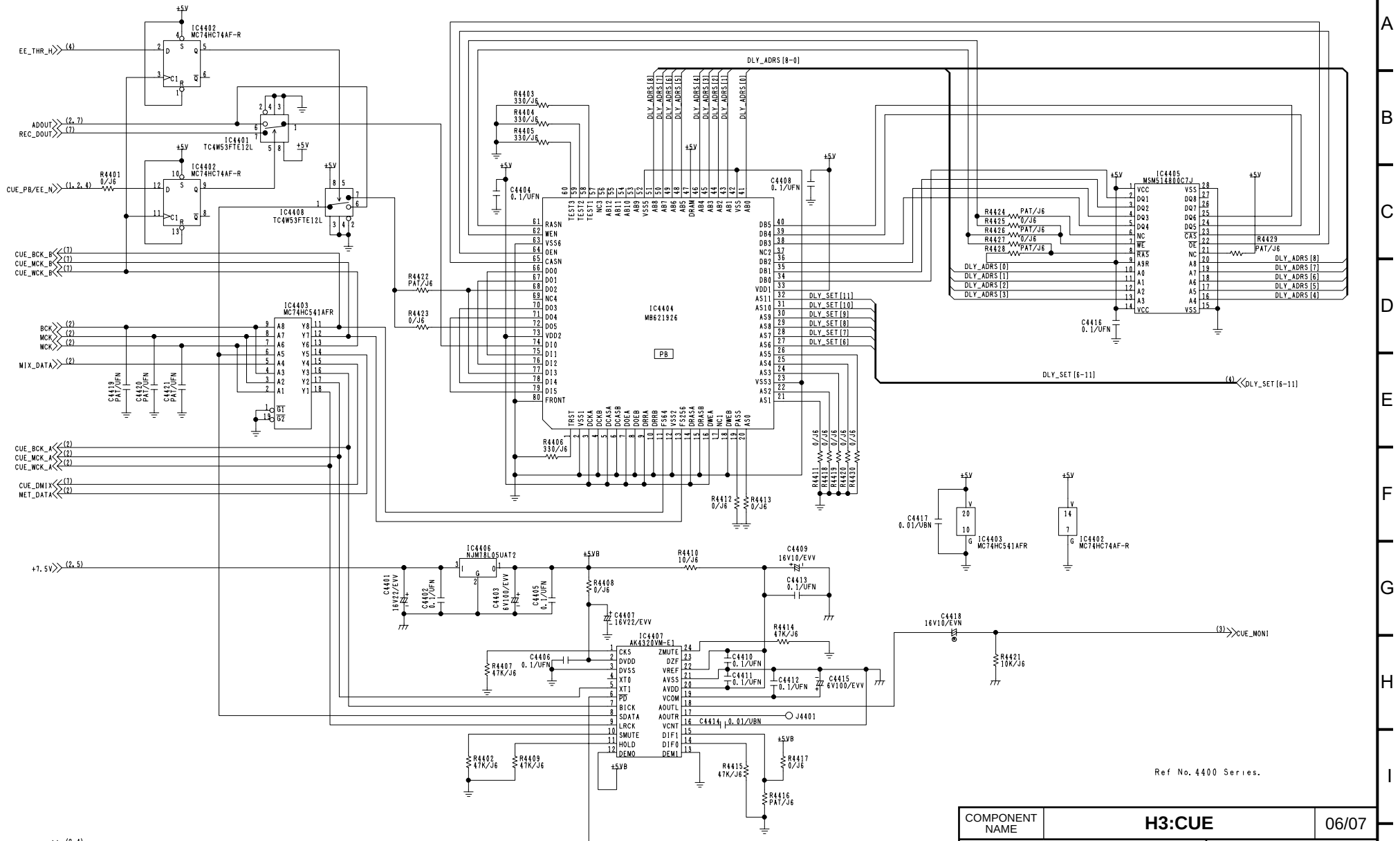


Ref No. 4300 Series.

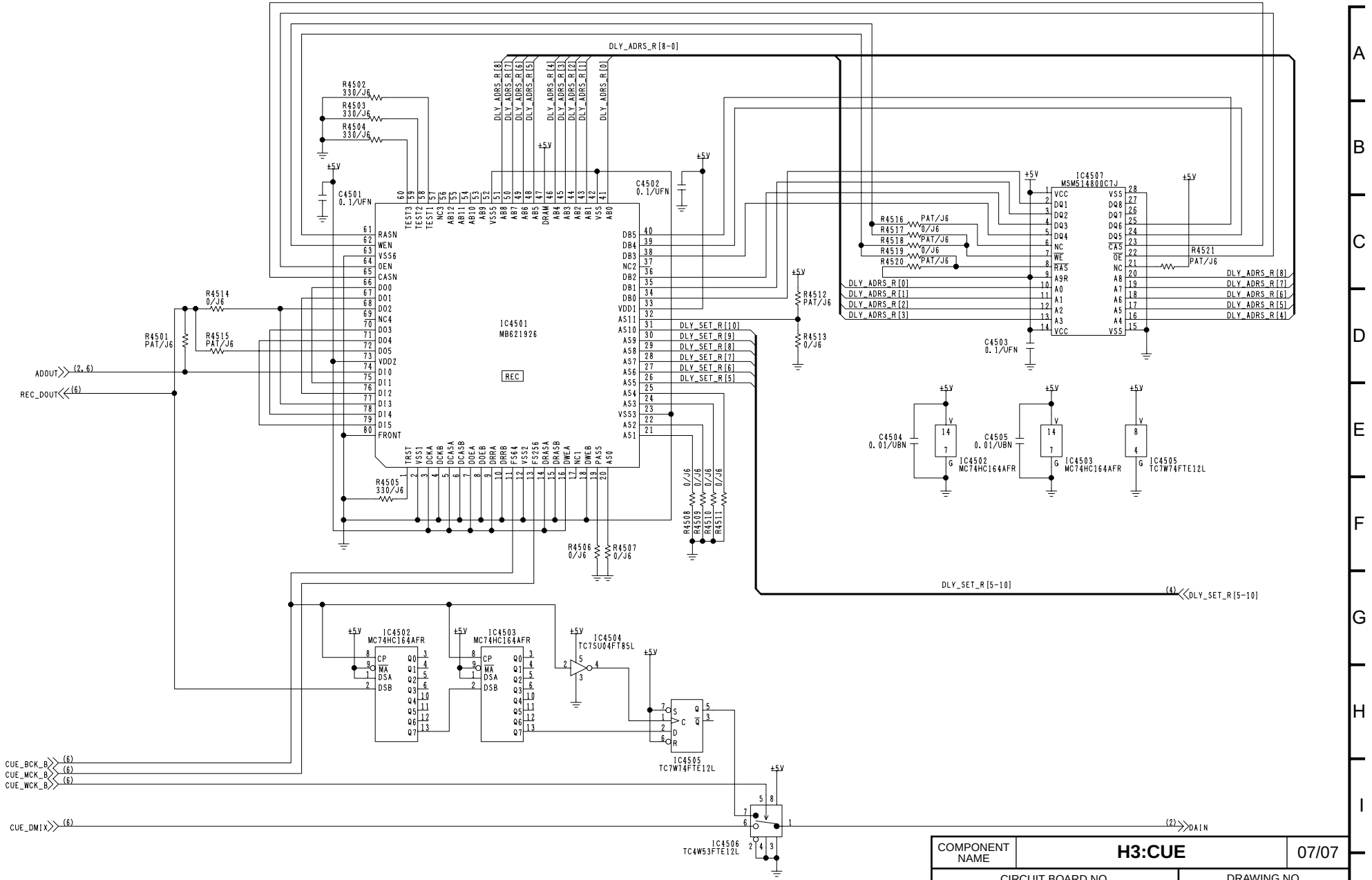
COMPONENT NAME	H3:CUE	04/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP84347C		KR4J15 (4/7) (0)
		SCM125



COMPONENT NAME	H3:CUE	05/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP84347C		KR4J15 (5/7) (0)
		SCM126

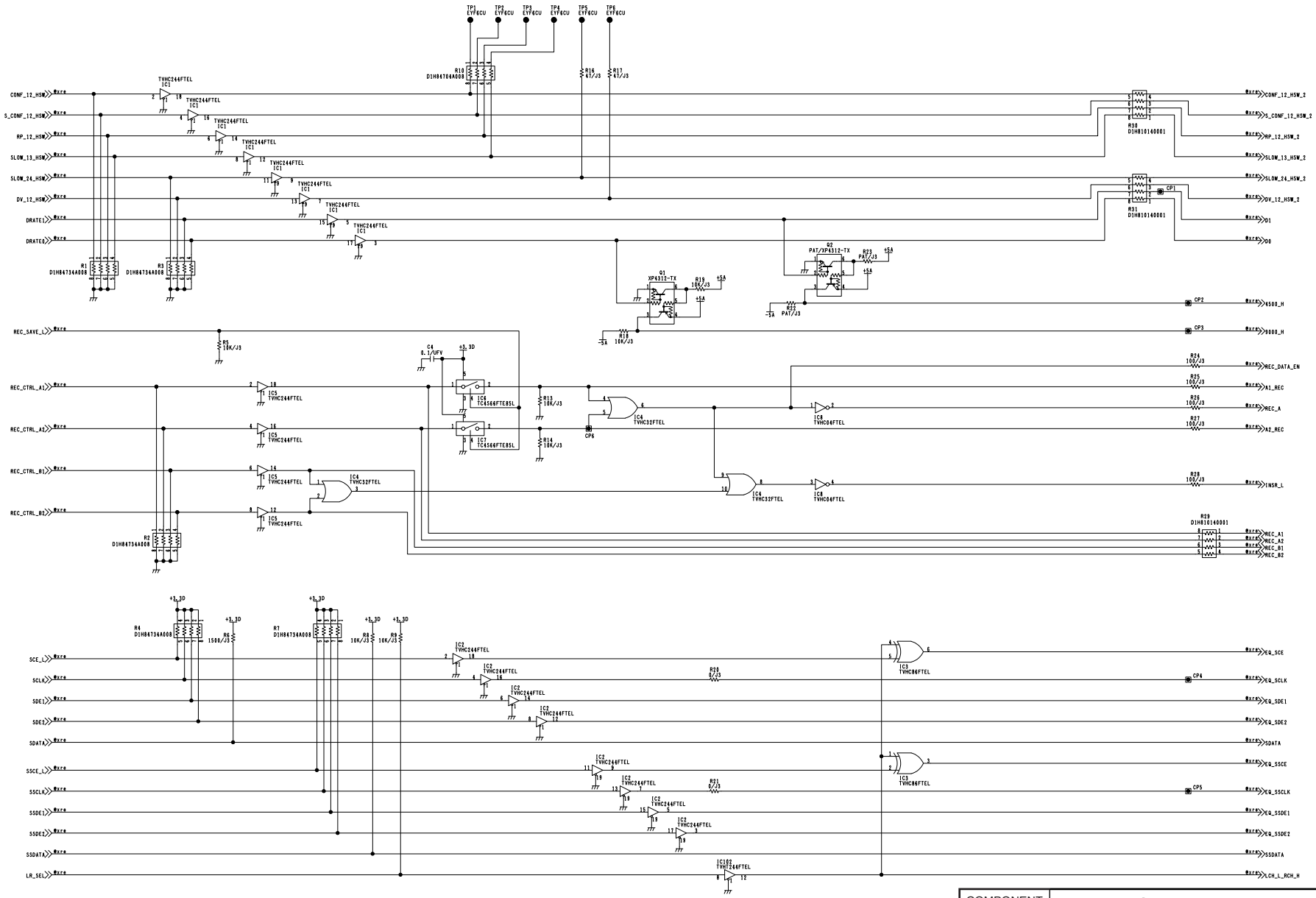


COMPONENT NAME	**H3:CUE**	06/07
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84347C	KR4J15 (6/7) (0)	
	SCM127	

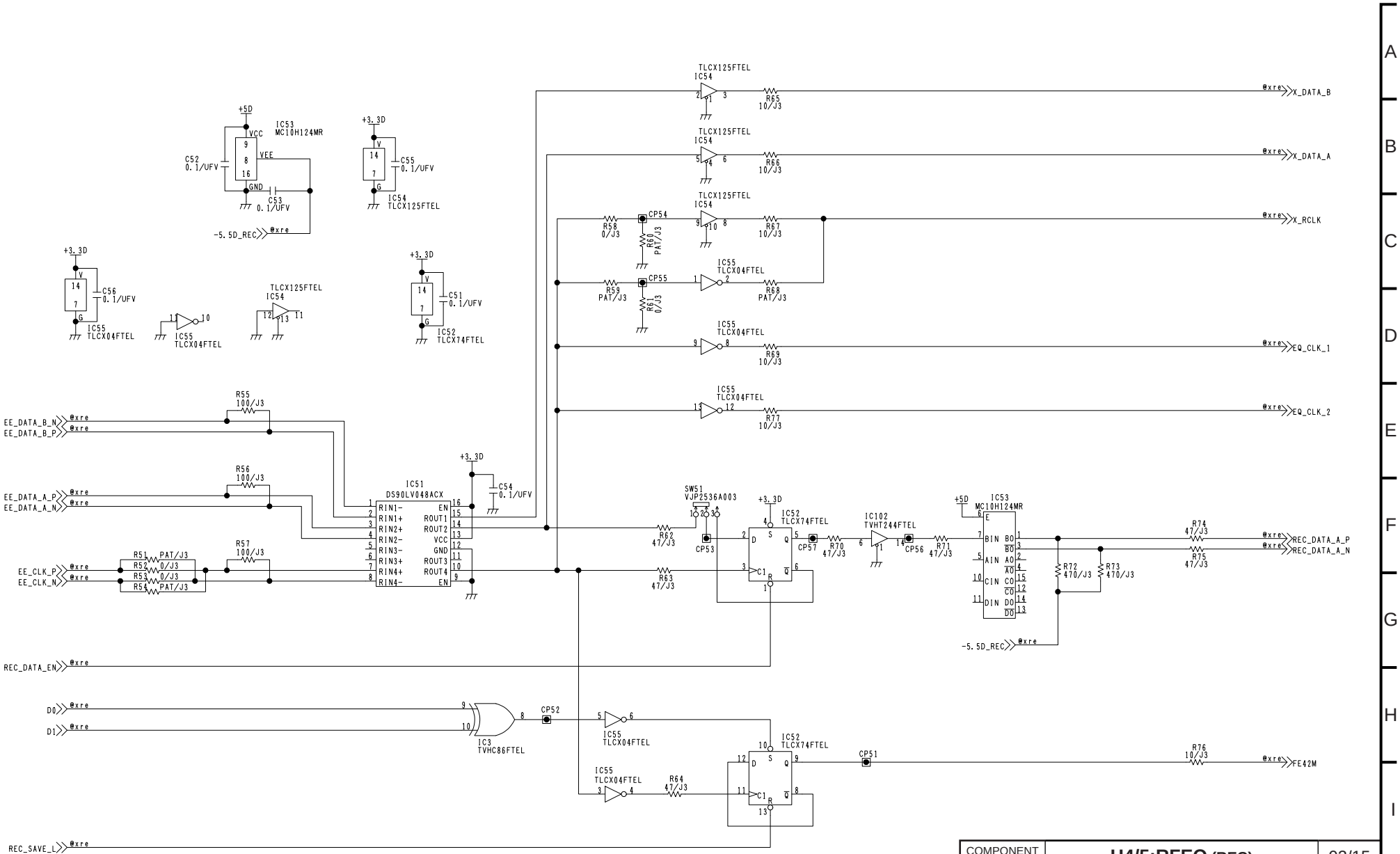


Ref No. 4500 Series.

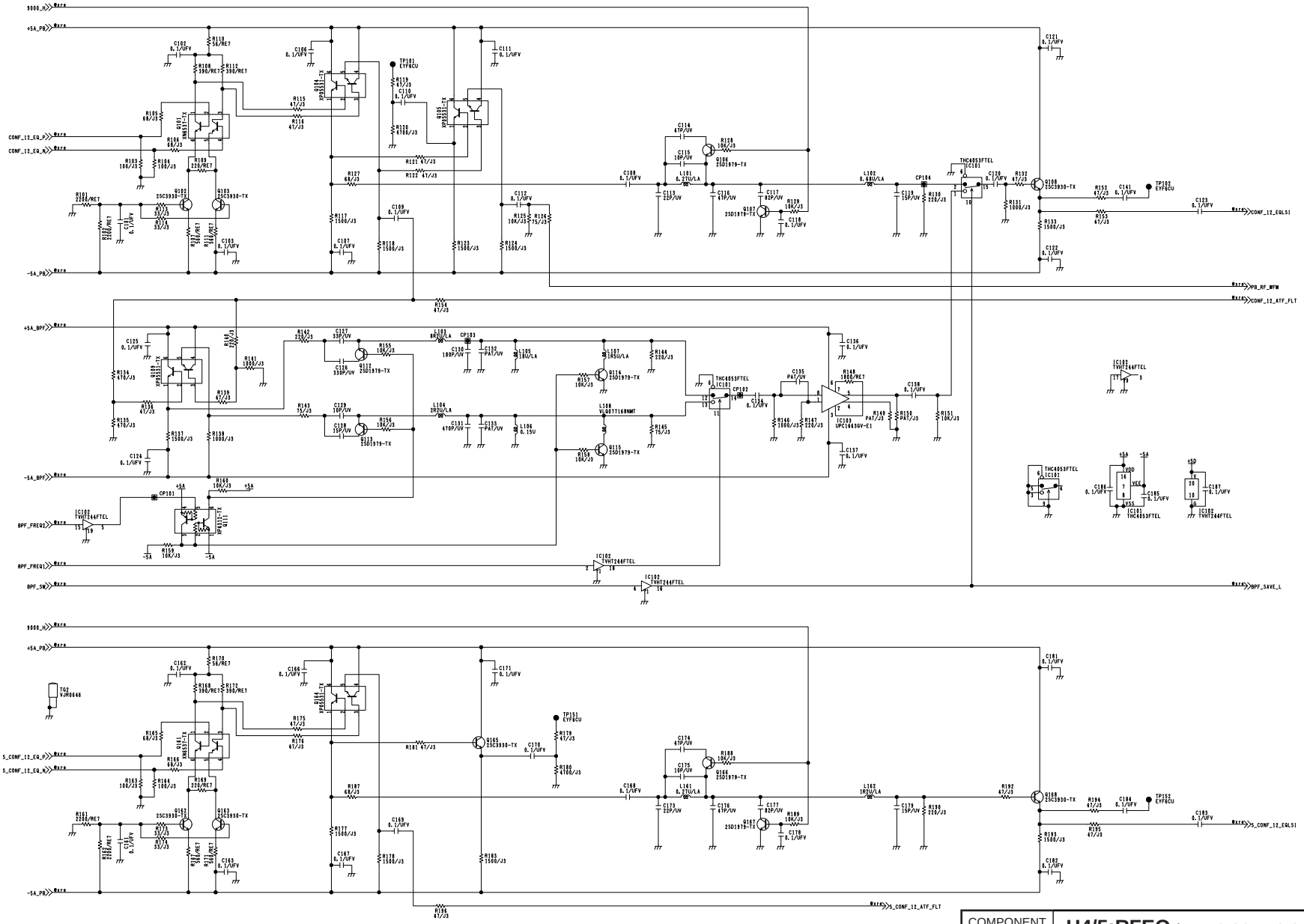
COMPONENT NAME	**H3:CUE**	07/07
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84347C	KR4J15 (7/7) (0)	
	SCM128	



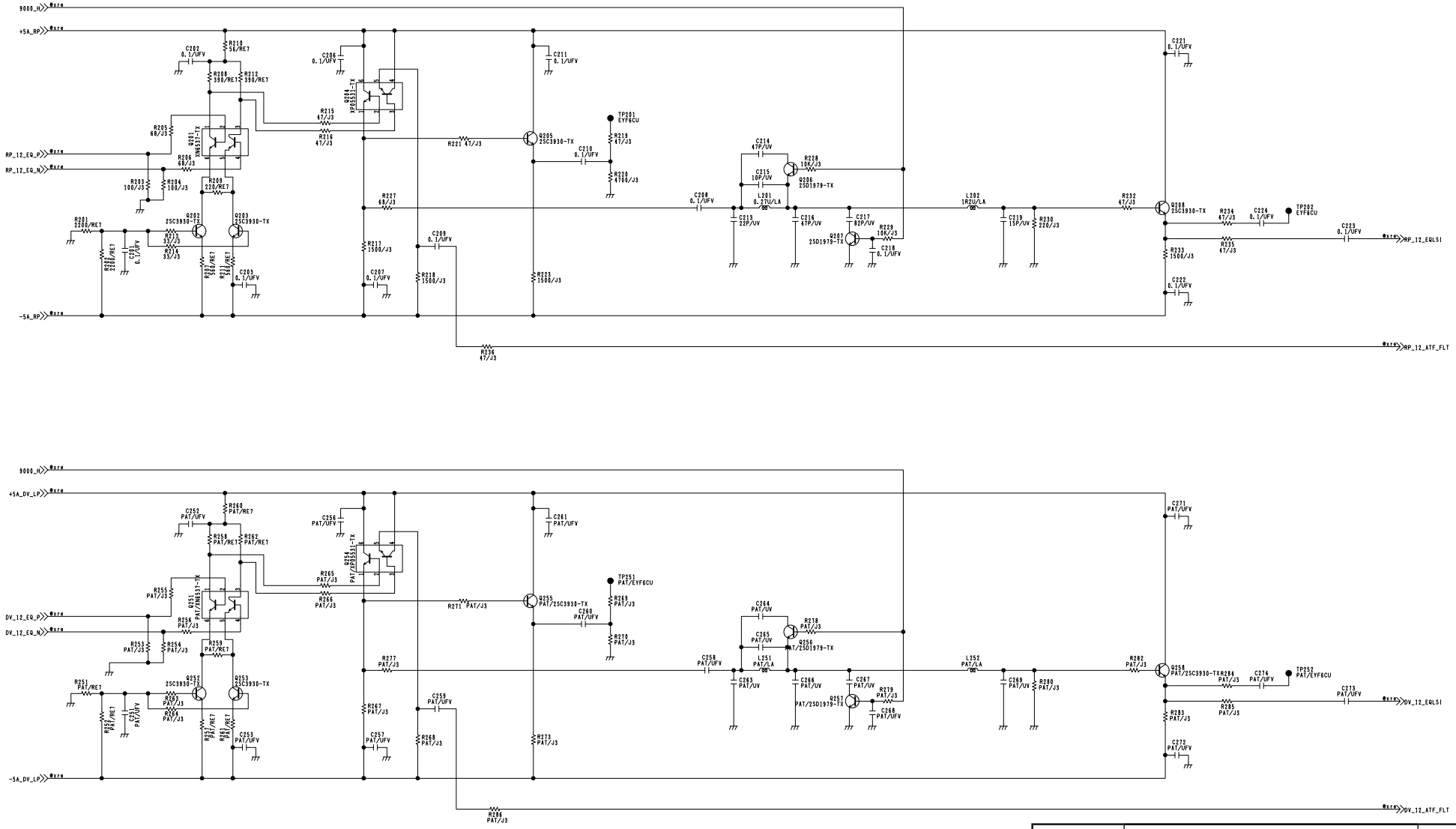
COMPONENT NAME	H4/5:RFEQ (CTRL)	01/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (1/15) (2/1)
		SCM129



COMPONENT NAME	H4/5:RFEQ (REC)	02/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (2/15) (2/1)
		SCM130



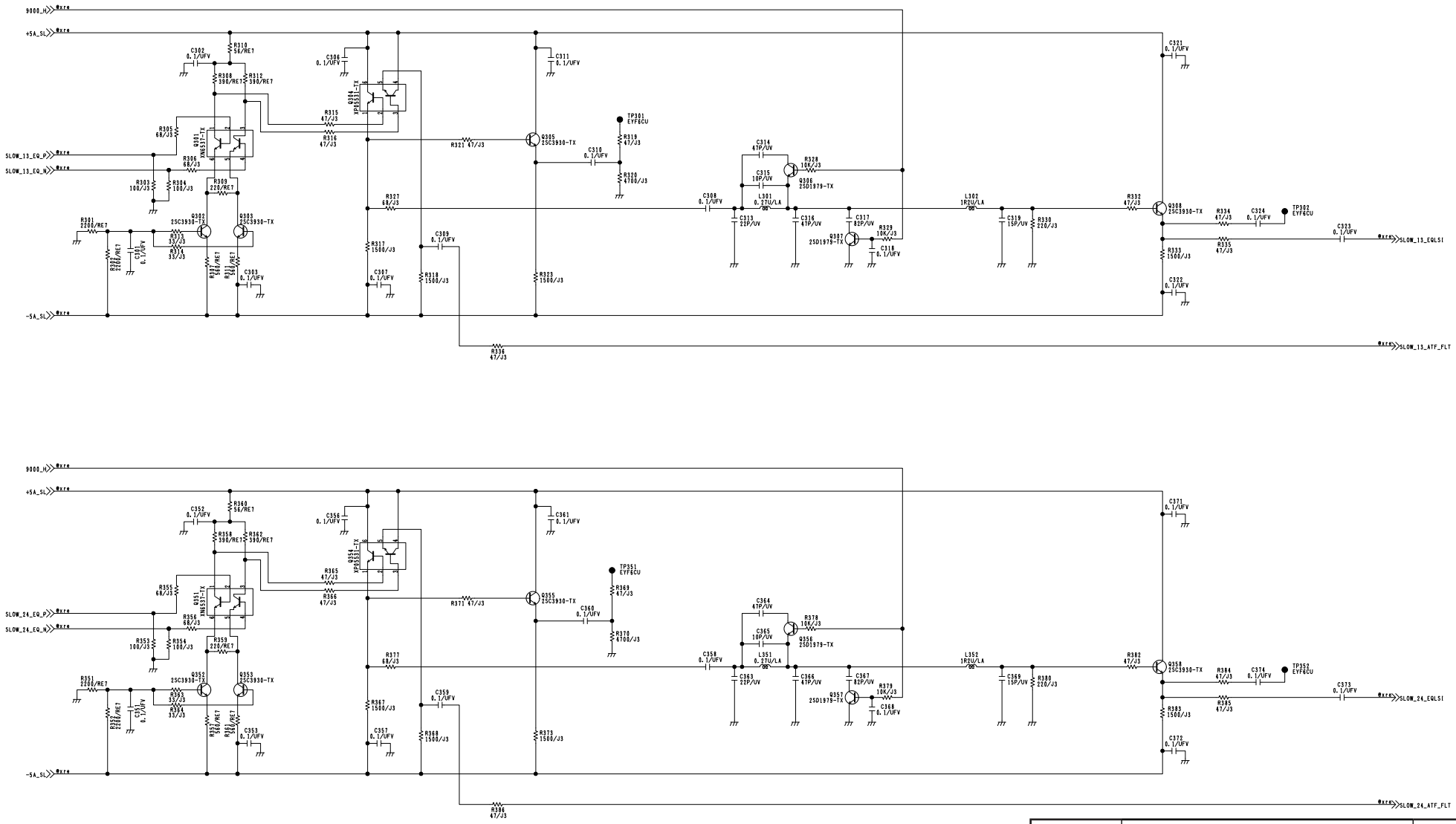
COMPONENT NAME	**H4/5:RFEQ (PreWQ CONF, S-CONF)**	03/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (3/15) (2/1)
		SCM131



COMPONENT NAME	**H4/5:RFEQ (PreEQ RP, DV)**	04/15
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85204A/B	KR5602 (4/15) (2/1)	
	SCM132	

A B C D E F G H I J

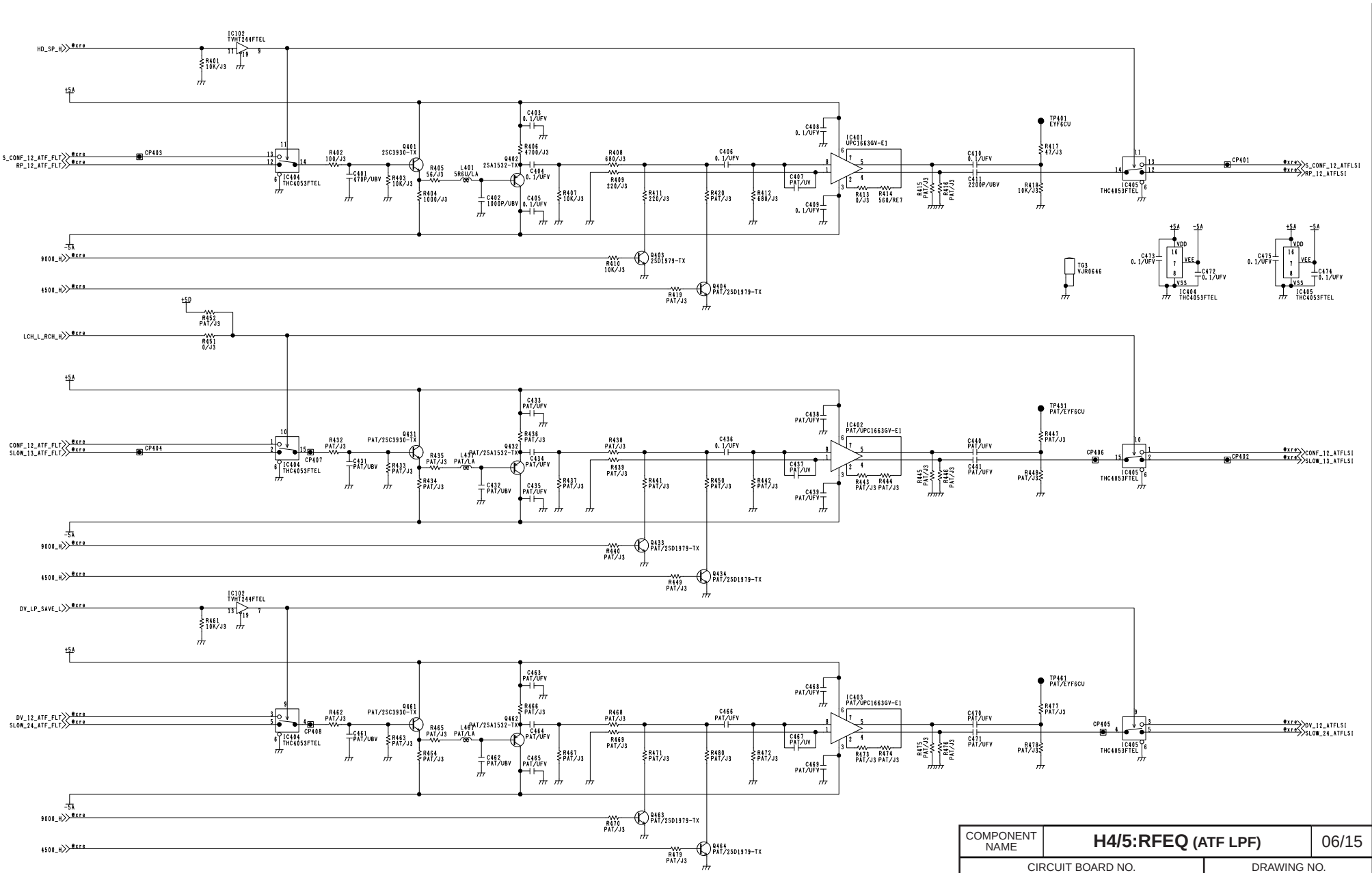
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



COMPONENT NAME	H4/5:RFEQ (PreEQ SLOW)	05/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (5/15) (2/1)
		SCM133

A B C D E F G H I J

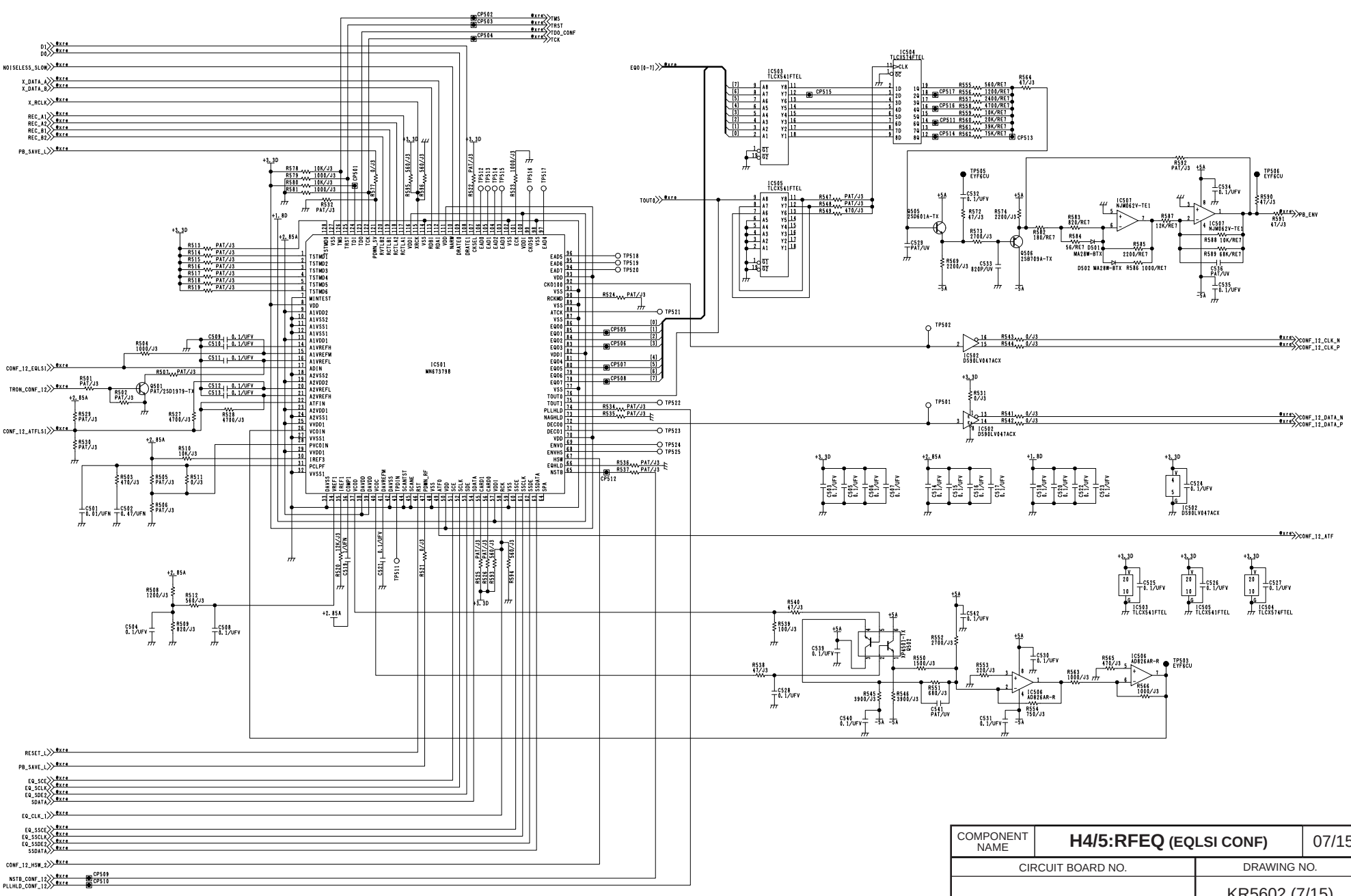
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



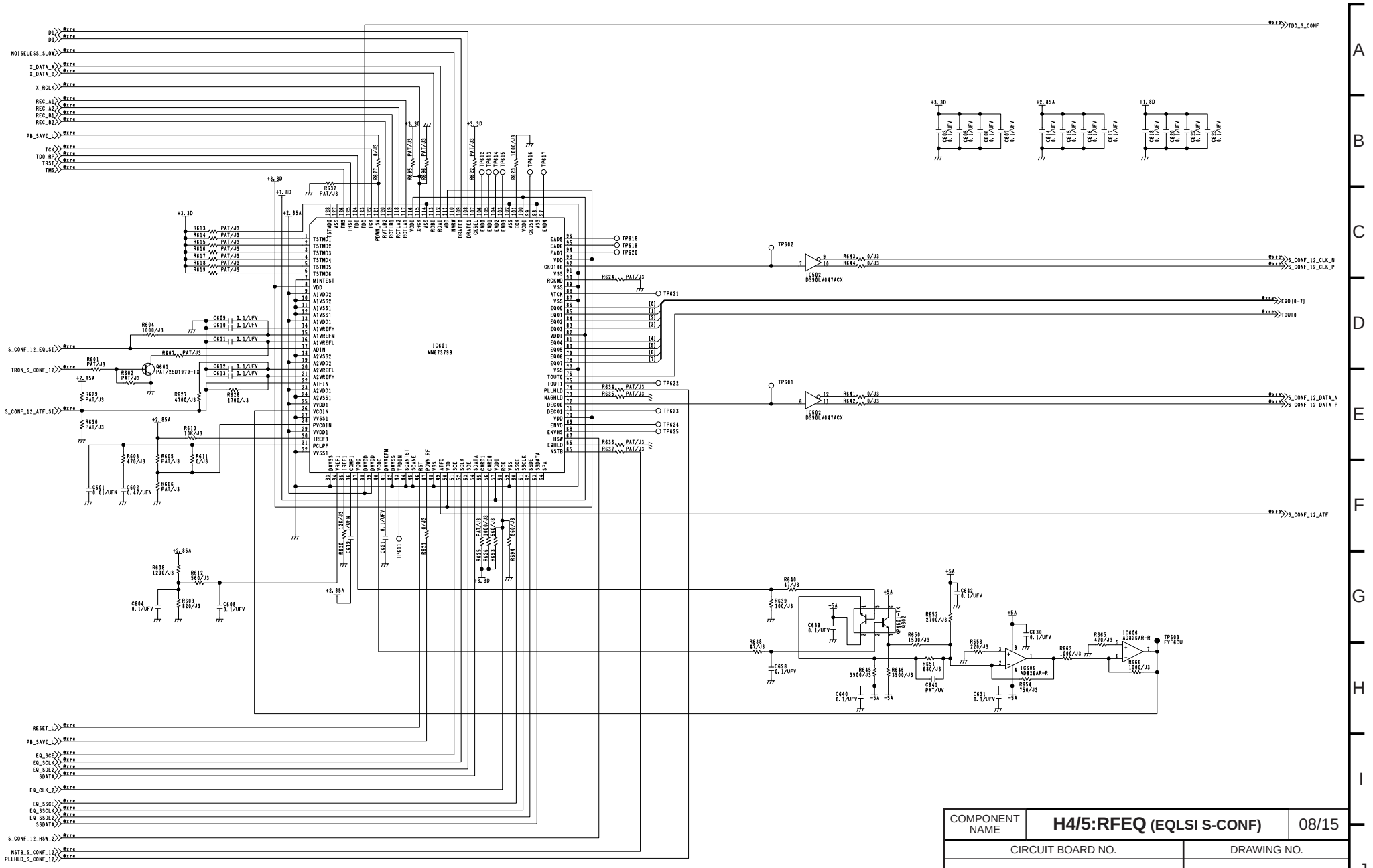
COMPONENT NAME	**H4/5:RFEQ (ATF LPF)**	06/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (6/15) (2/1)
		SCM134

A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



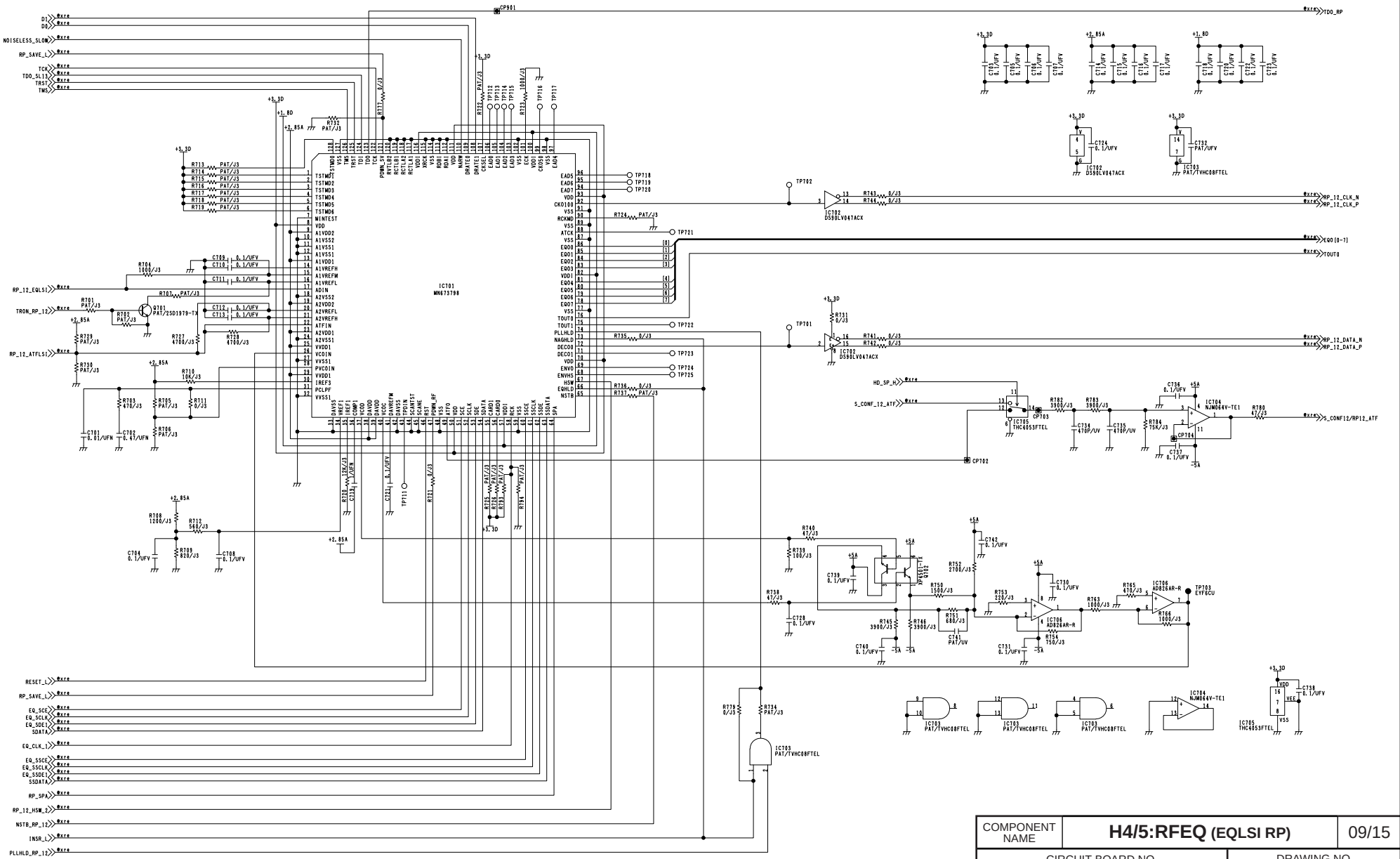
COMPONENT NAME	**H4/5:RFEQ (EQLSI CONF)**	07/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (7/15) (2/1)
		SCM135



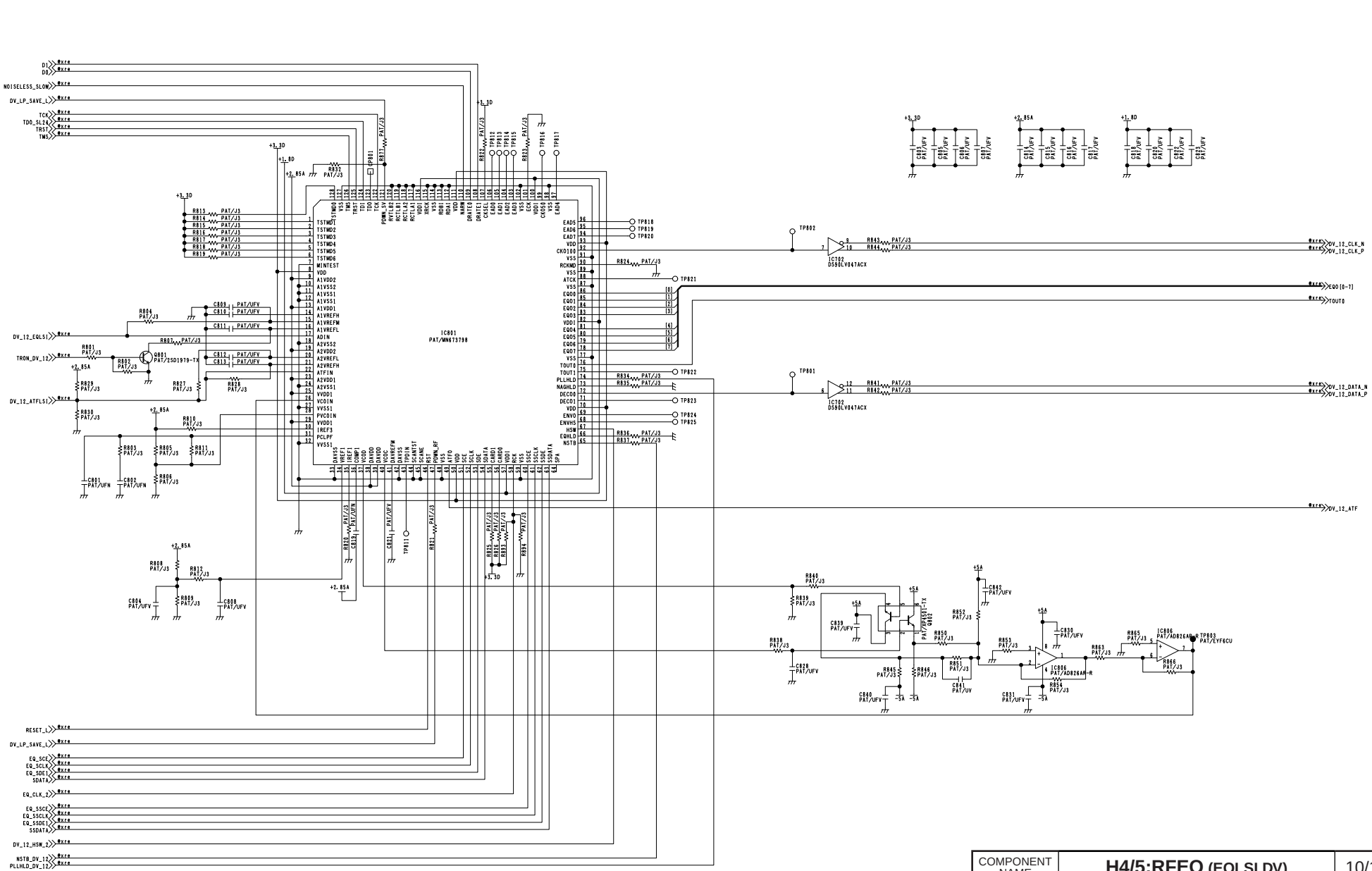
COMPONENT NAME	**H4/5:RFEQ (EQLSI S-CONF)**	08/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (8/15) (2/1)
		SCM136

A B C D E F G H I J

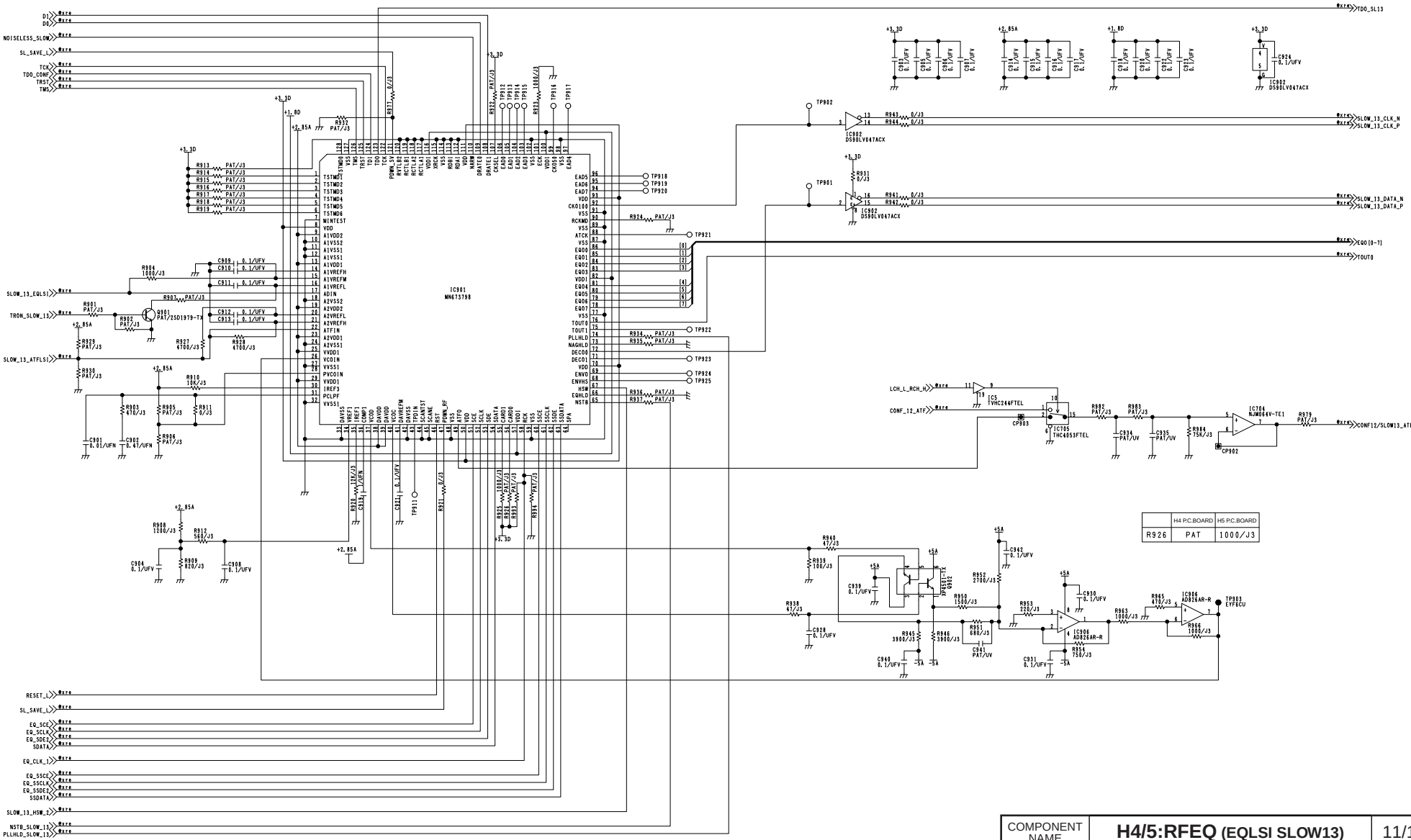
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



COMPONENT NAME	**H4/5:RFEQ (EQLSI RP)**	09/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (9/15) (2/1)
		SCM137



COMPONENT NAME	**H4/5:RFEQ (EQLSI DV)**	10/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (10/15)(2/1)
		SCM138

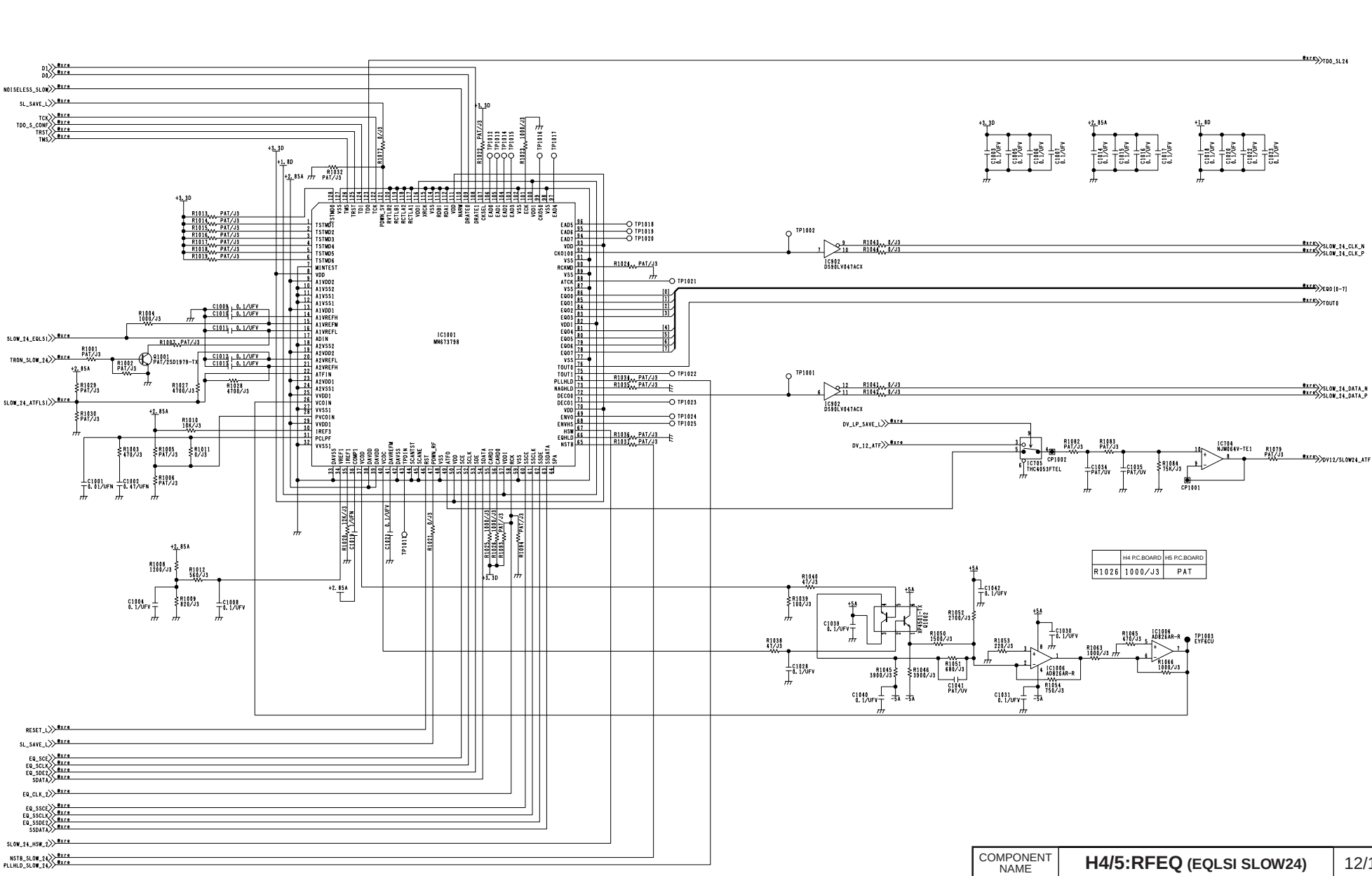


	H4 P.C.BOARD	H5 P.C.BOARD
R926	PAT	1000/J3

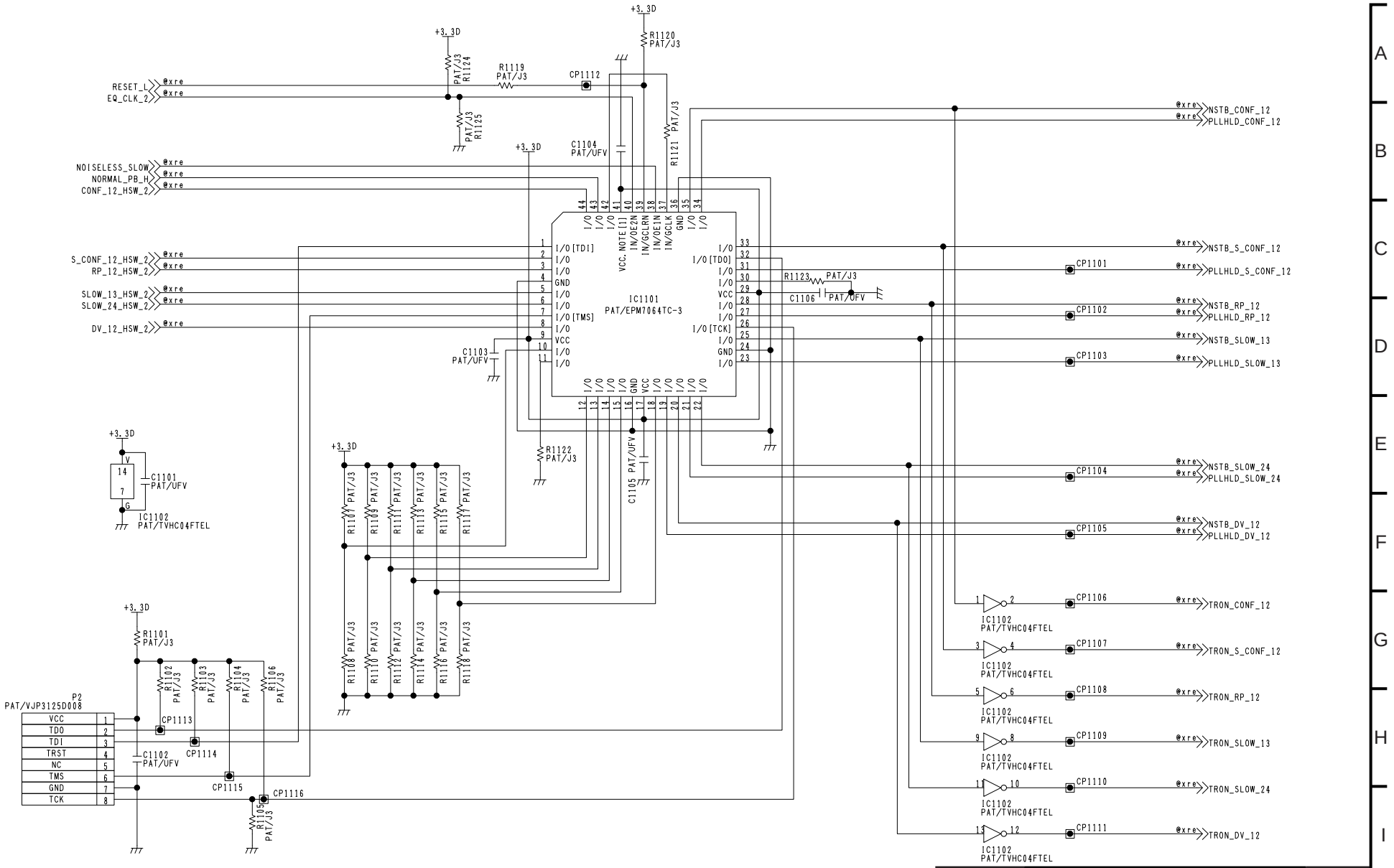
COMPONENT NAME	**H4/5:RFEQ (EQLSI SLOW13)**	11/15
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85204A/B	KR5602 (11/15)(2/1)	
	SCM139	

A B C D E F G H I J

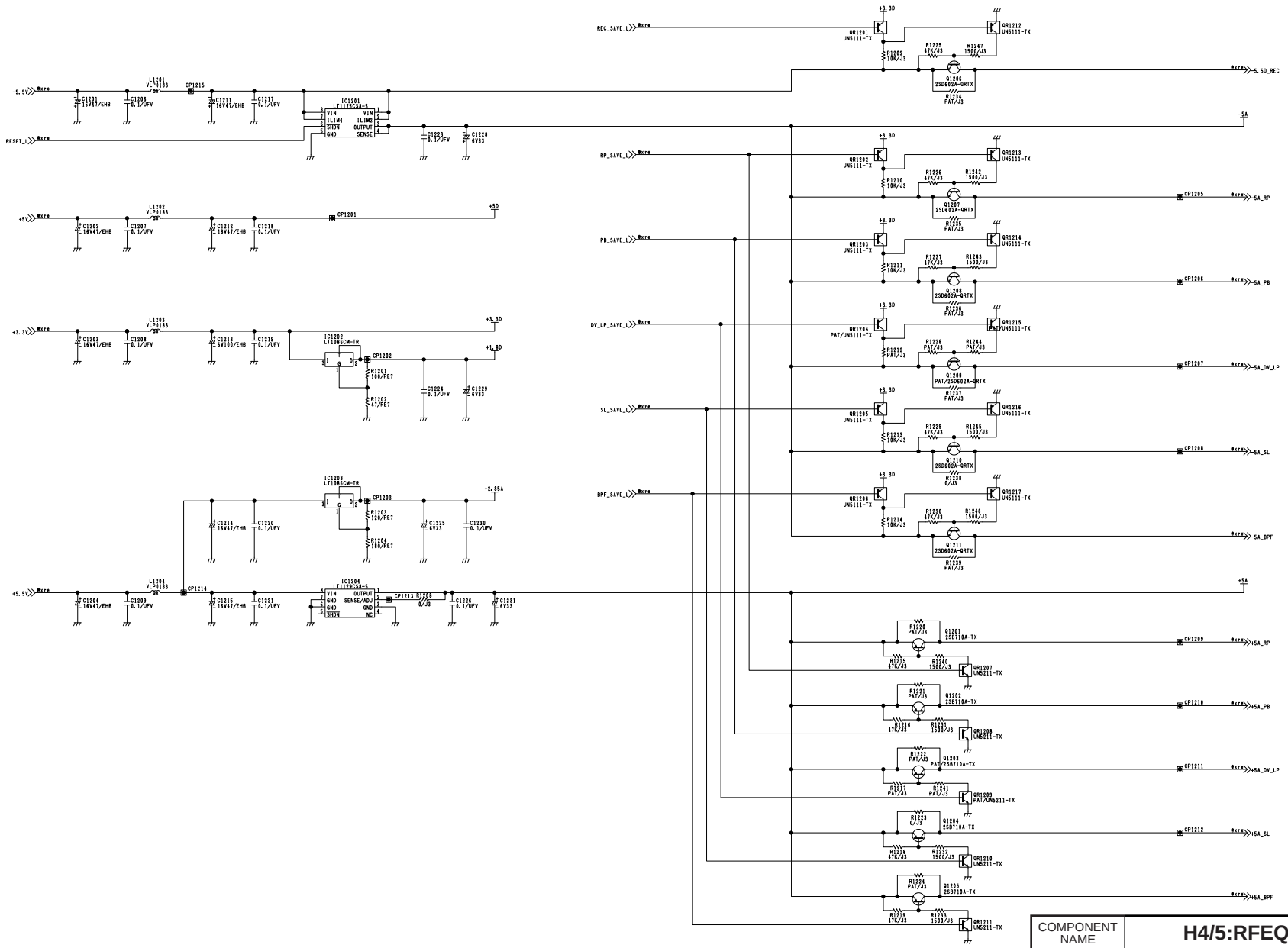
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



COMPONENT NAME	**H4/5:RFEQ (EQLSI SLOW24)** 12/15
CIRCUIT BOARD NO.	DRAWING NO.
VEP85204A/B	KR5602 (12/15)(2/1)
	SCM140



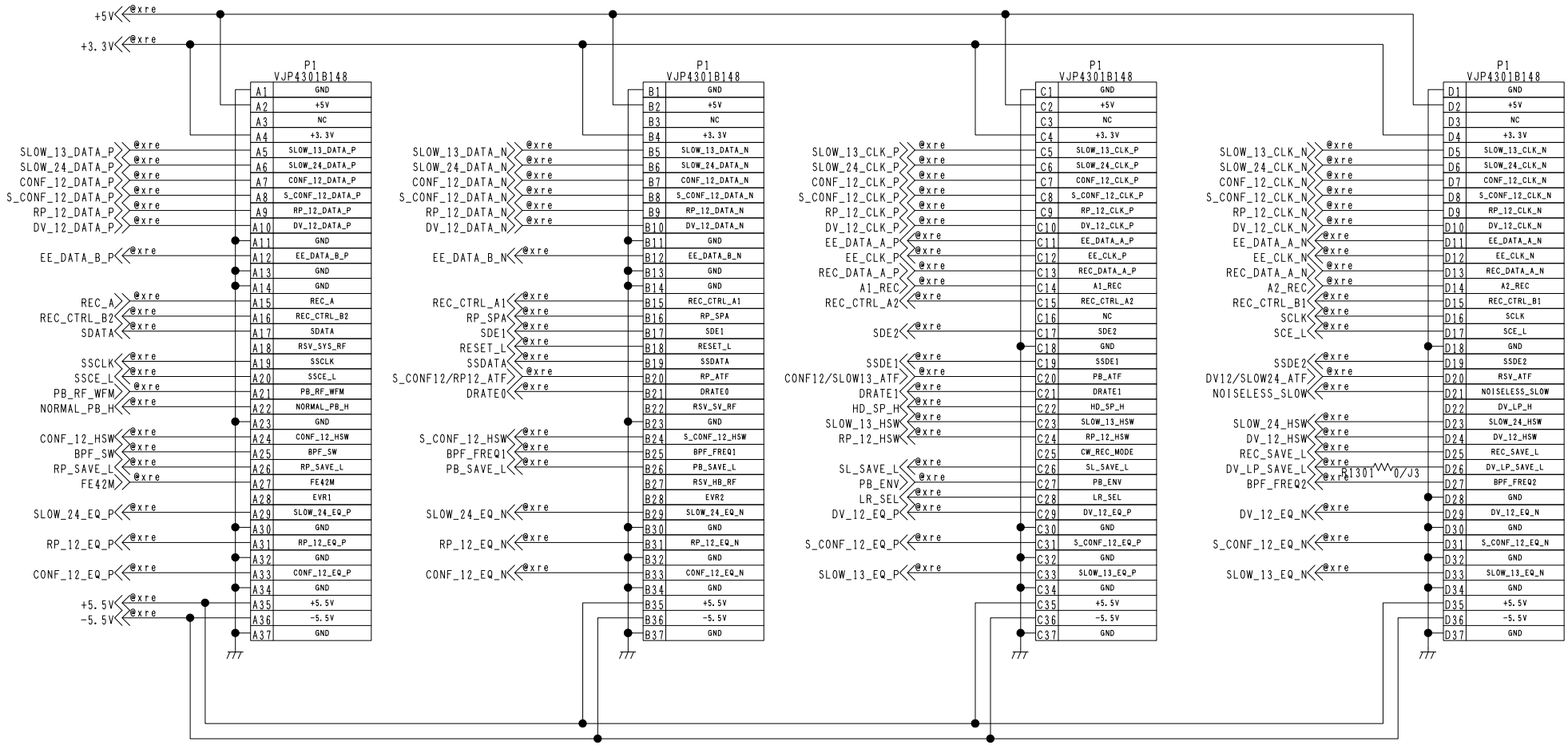
COMPONENT NAME	H4/5:RFEQ (PLD)	13/15
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85204A/B	KR5602 (13/15)(2/1)	
	SCM141	



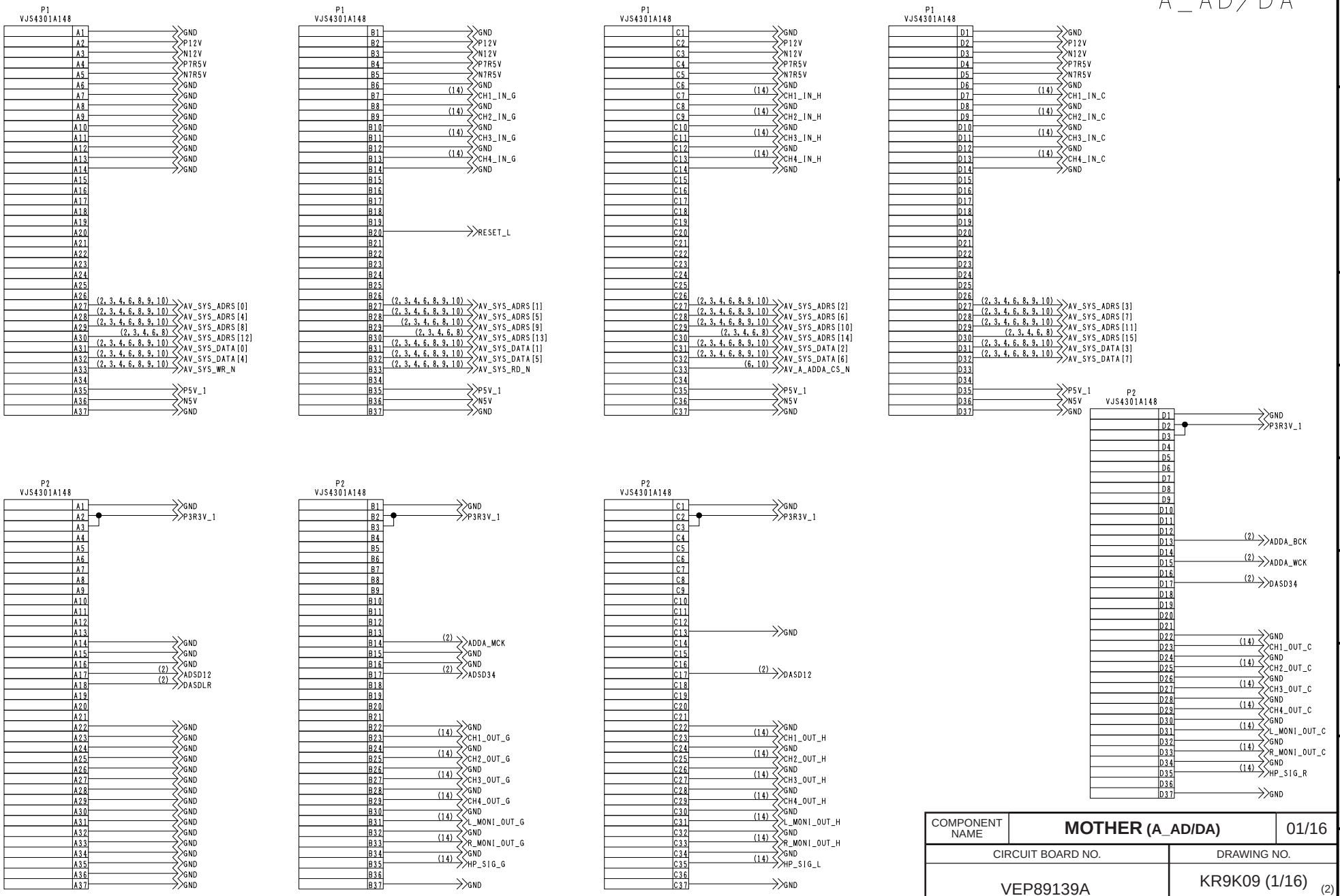
COMPONENT NAME	**H4/5:RFEQ (POWER)**	14/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (14/15)(2/1)
		SCM142

A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

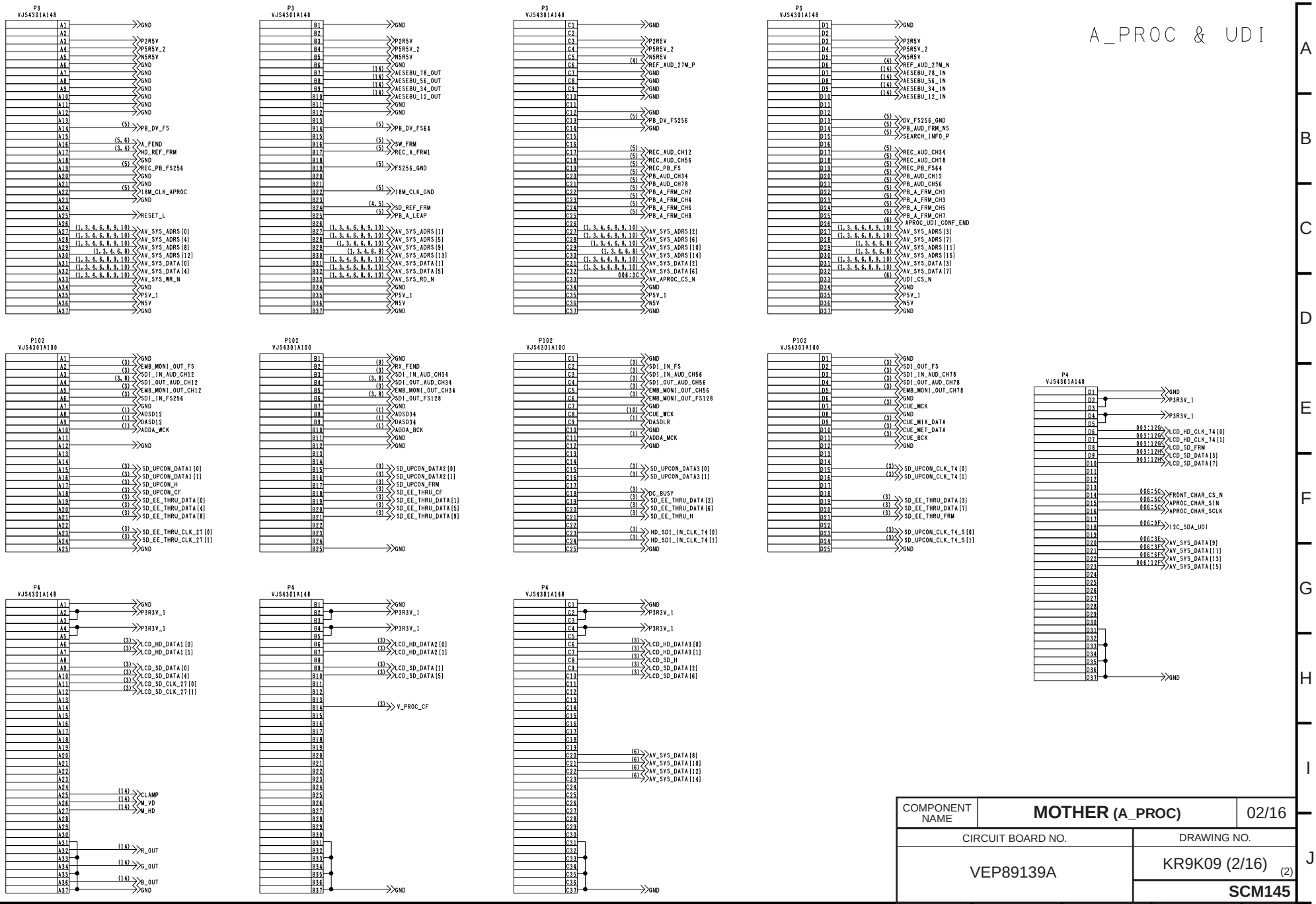


COMPONENT NAME	**H4/5:RFEQ (CONNECTOR)**	15/15
CIRCUIT BOARD NO.		DRAWING NO.
VEP85204A/B		KR5602 (15/15)(2/1)
		SCM143

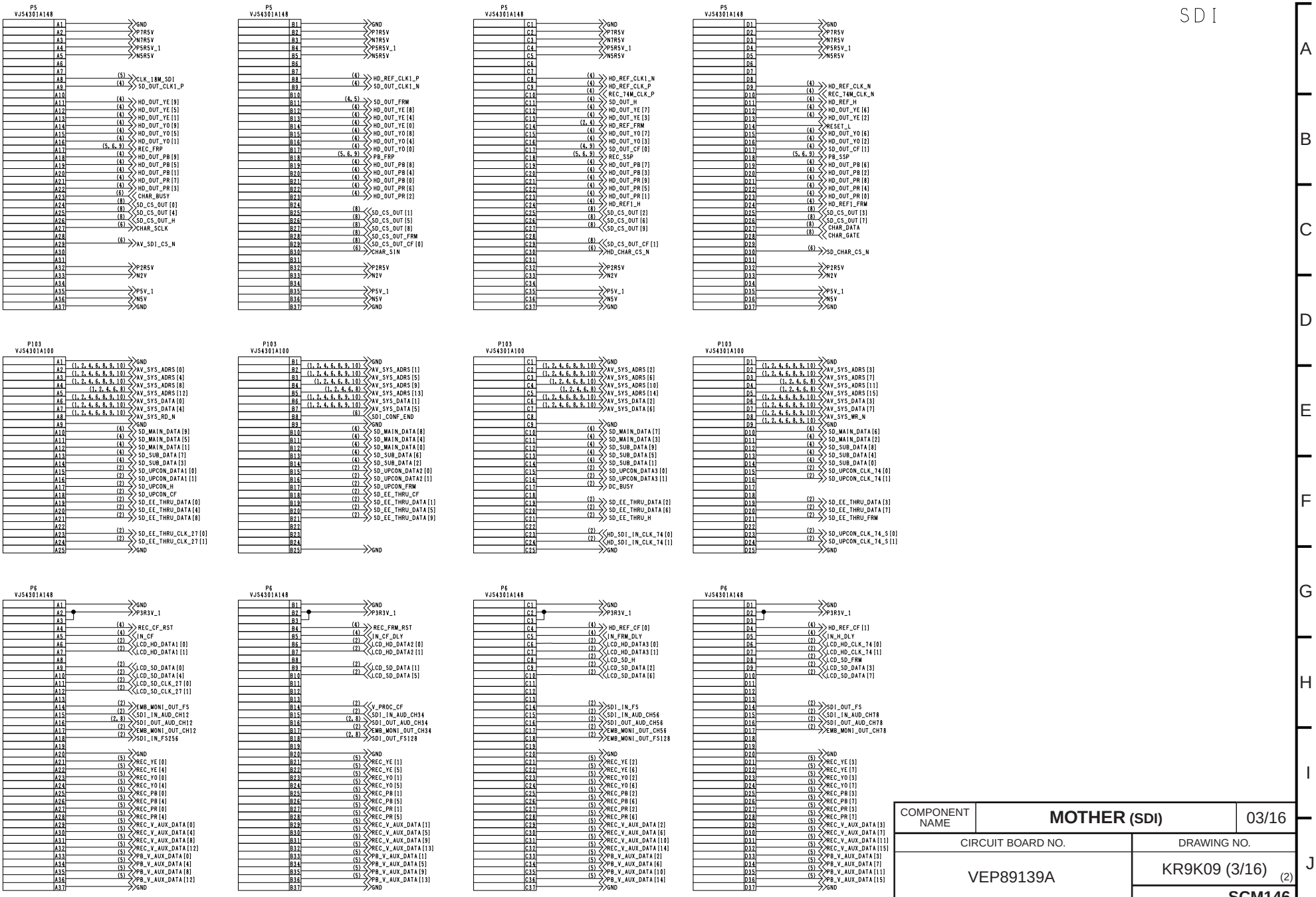


COMPONENT NAME	MOTHER (A_AD/DA)	01/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (1/16) (2)
		SCM144

A_PROC & UDI

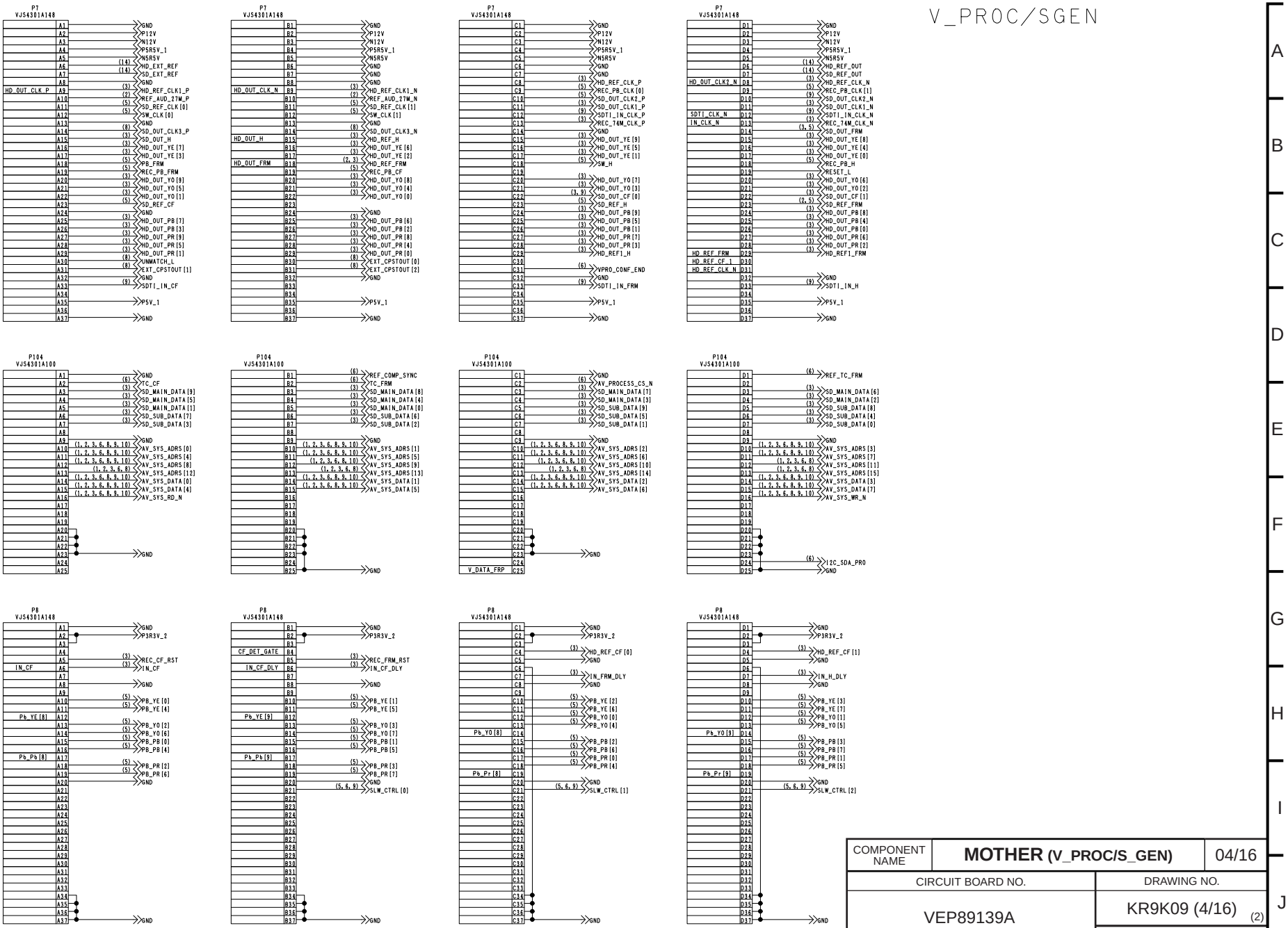


COMPONENT NAME	**MOTHER (A_PROC)**	02/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP89139A	KR9K09 (2/16) (2)	
	SCM145	



COMPONENT NAME	**MOTHER (SDI)**	03/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (3/16) (2)
		SCM146

V_PROC/SGEN

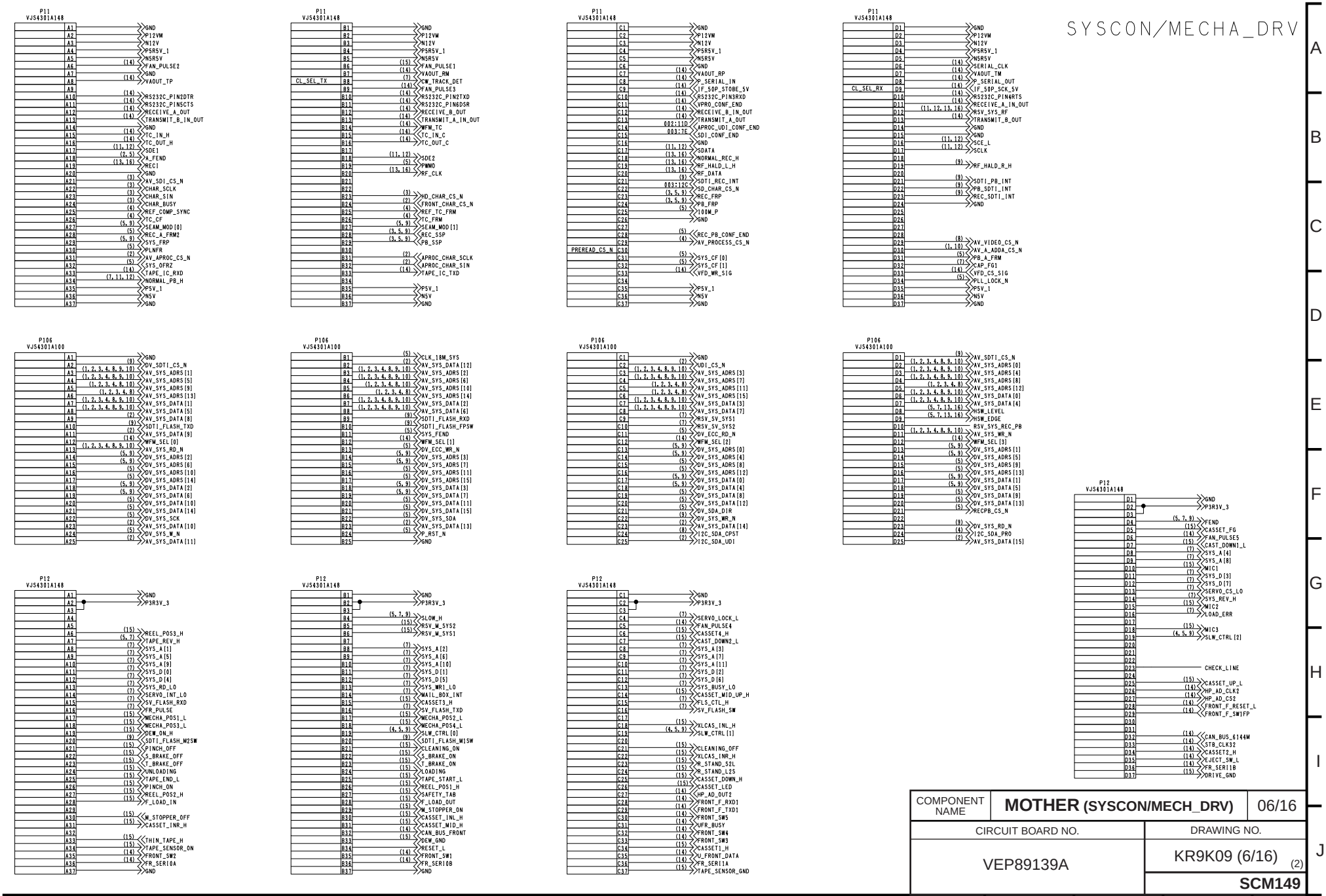

P7 VJS4301A148
P104 VJS4301A100
P8 VJS4301A148
COMPONENT NAME
MOTHER (V_PROC/S_GEN)
04/16
CIRCUIT BOARD NO.
VEP89139A
DRAWING NO.
KR9K09 (4/16) (2)
SCM147



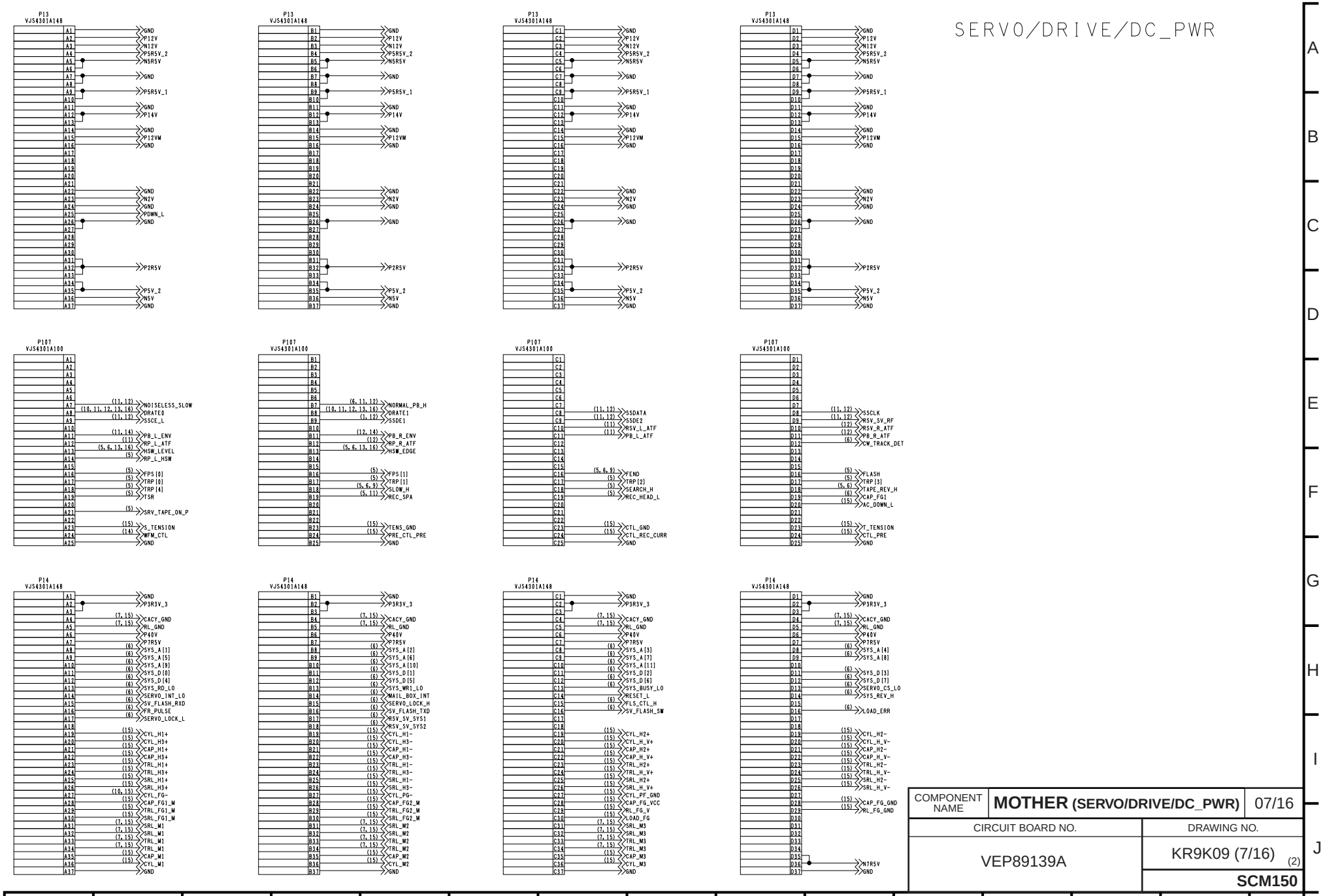
REC_PB

COMPONENT NAME	**MOTHER (REC_PB)**	05/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (5/16) (2)
		SCM148

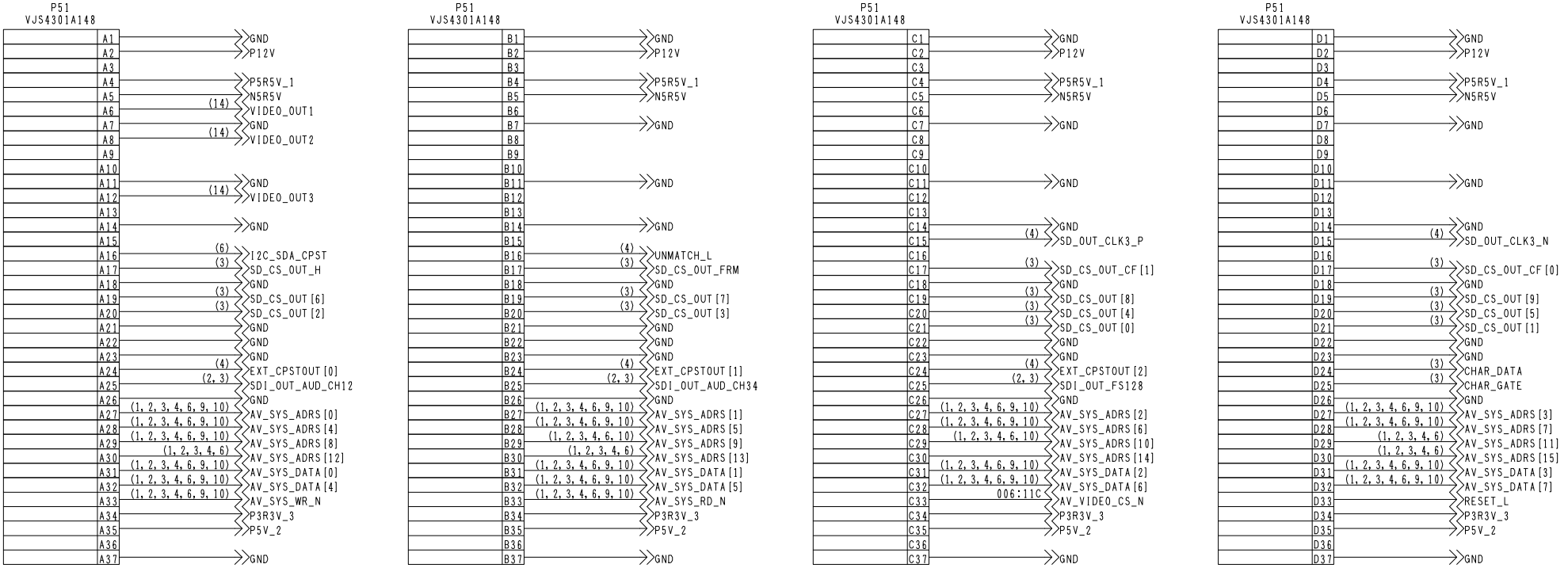
SYSCON/MECHA_DRV



COMPONENT NAME	**MOTHER (SYSCON/MECH_DRV)**		06/16
CIRCUIT BOARD NO.		DRAWING NO.	
VEP89139A		KR9K09 (6/16) (2)	
		SCM149	

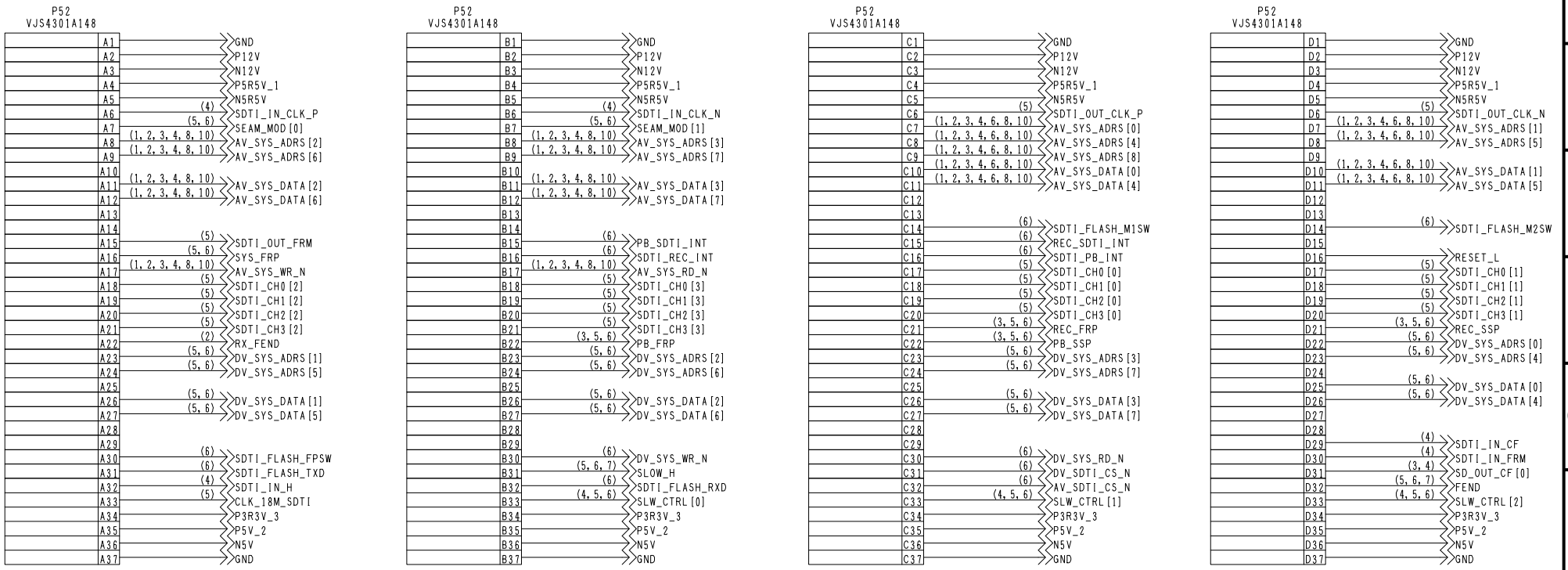

SERVO/DRIVE/DC_PWR
P13 VJS4301A148
P107 VJS4301A100
P14 VJS4301A148
GND
P12V
N12V
P5R5V_2
N5R5V
P5R5V_1
P14V
P12VM
PDWN_L
P2R5V
P5V_2
N5V
N7R5V
NOISELESS_SLOW
DRATE0
SSCE_L
PB_L_ENV
RP_L_ATF
HSW_LEVEL
RP_L_HSW
FPS[0]
TRP[0]
TRP[4]
TSR
SRV_TAPE_ON_P
S_TENSION
WFM_CTL
NORMAL_PB_H
DRATE1
SSDE1
PB_R_ENV
RP_R_ATF
HSW_EDGE
FPS[1]
TRP[1]
SLOW_H
REC_SPA
TENS_GND
PRE_CTL_PRE
SSDATA
SSDE2
RSV_L_ATF
PB_L_ATF
FEND
TRP[2]
SEARCH_H
REC_HEAD_L
CTL_GND
CTL_REC_CURR
SSCLK
RSV_SV_RF
RSV_R_ATF
PB_R_ATF
CW_TRACK_DET
FLASH
TRP[3]
TAPE_REV_H
CAP_FG1
AC_DOWN_L
T_TENSION
CTL_PRE
P3R3V_3
CACY_GND
RL_GND
P40V
P7R5V
SYS_A[1]
SYS_A[5]
SYS_A[9]
SYS_D[0]
SYS_D[4]
SYS_RD_LO
SERVO_INT_LO
SV_FLASH_RXD
FR_PULSE
SERVO_LOCK_L
CYL_H1+
CYL_H3+
CAP_H1+
CAP_H3+
TRL_H1+
TRL_H3+
SRL_H1+
SRL_H3+
CYL_FG-
CAP_FG1_M
TRL_FG1_M
SRL_FG1_M
SRL_M1
TRL_M1
CAP_M1
CYL_M1
SYS_A[2]
SYS_A[6]
SYS_A[10]
SYS_D[1]
SYS_D[5]
SYS_WR1_LO
MAIL_BOX_INT
SERVO_LOCK_H
SV_FLASH_TXD
RSV_SV_SYS1
RSV_SV_SYS2
CYL_H1-
CYL_H3-
CAP_H1-
CAP_H3-
TRL_H1-
TRL_H3-
SRL_H1-
SRL_H3-
CYL_PG-
CAP_FG2_M
TRL_FG2_M
SRL_FG2_M
SRL_M2
TRL_M2
CAP_M2
CYL_M2
SYS_A[3]
SYS_A[7]
SYS_A[11]
SYS_D[2]
SYS_D[6]
SYS_BUSY_LO
RESET_L
FLS_CTL_H
SV_FLASH_SW
CYL_H2+
CYL_H_V+
CAP_H2+
CAP_H_V+
TRL_H2+
TRL_H_V+
SRL_H2+
SRL_H_V+
CYL_PF_GND
CAP_FG_VCC
RL_FG_V
LOAD_FG
SRL_M3
TRL_M3
CAP_M3
CYL_M3
SYS_A[4]
SYS_A[8]
SYS_D[3]
SYS_D[7]
SERVO_CS_LO
SYS_REV_H
LOAD_ERR
CYL_H2-
CYL_H_V-
CAP_H2-
CAP_H_V-
TRL_H2-
TRL_H_V-
SRL_H2-
SRL_H_V-
CAP_FG_GND
RL_FG_GND
COMPONENT NAME
MOTHER (SERVO/DRIVE/DC_PWR)
07/16
CIRCUIT BOARD NO.
VEP89139A
DRAWING NO.
KR9K09 (7/16) (2)
SCM150

CS_OUT



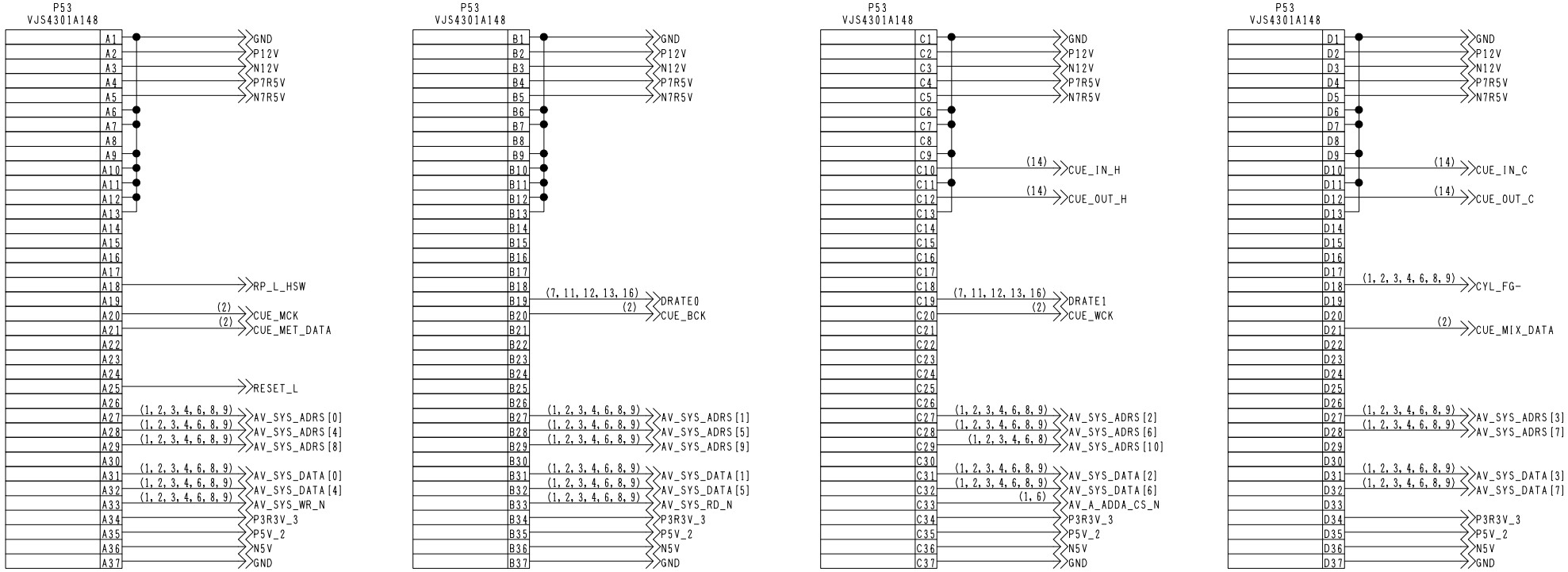
COMPONENT NAME	MOTHER (CS_OUT)	08/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (8/16) (2)
		SCM151

SDTI



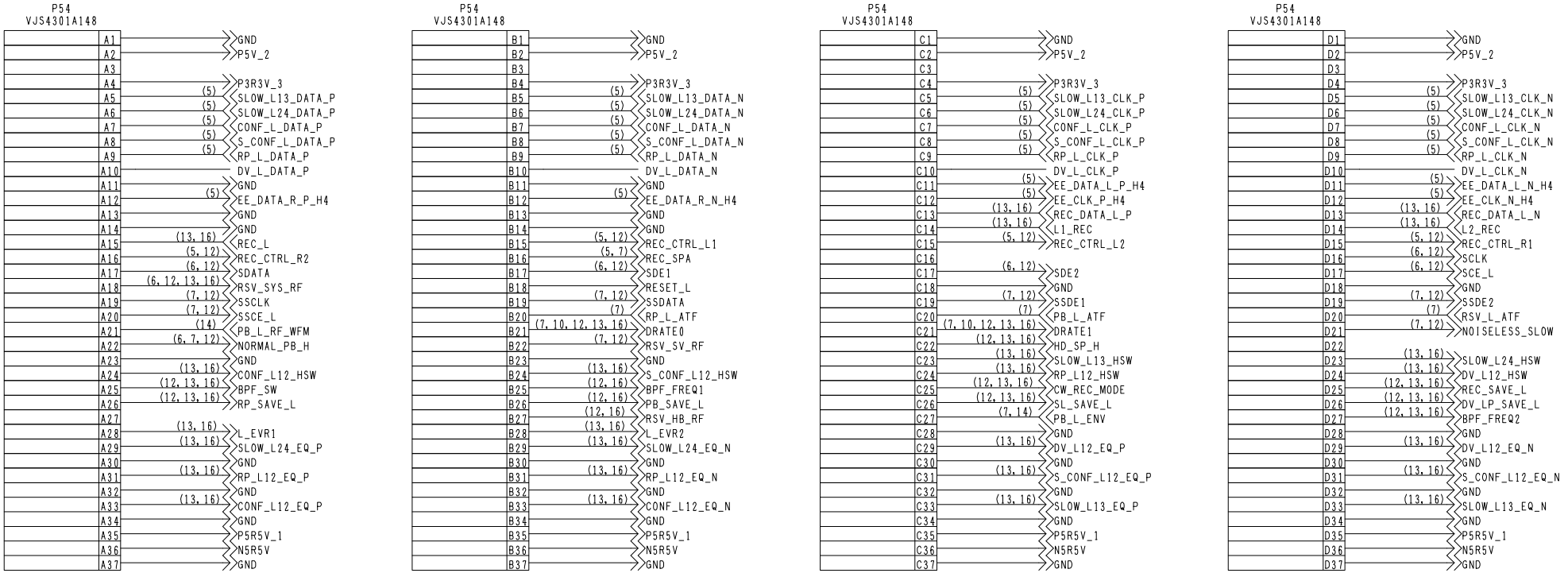
COMPONENT NAME	MOTHER (SDTI/SD_SDI)	09/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (9/16) (2)
		SCM152

CUE



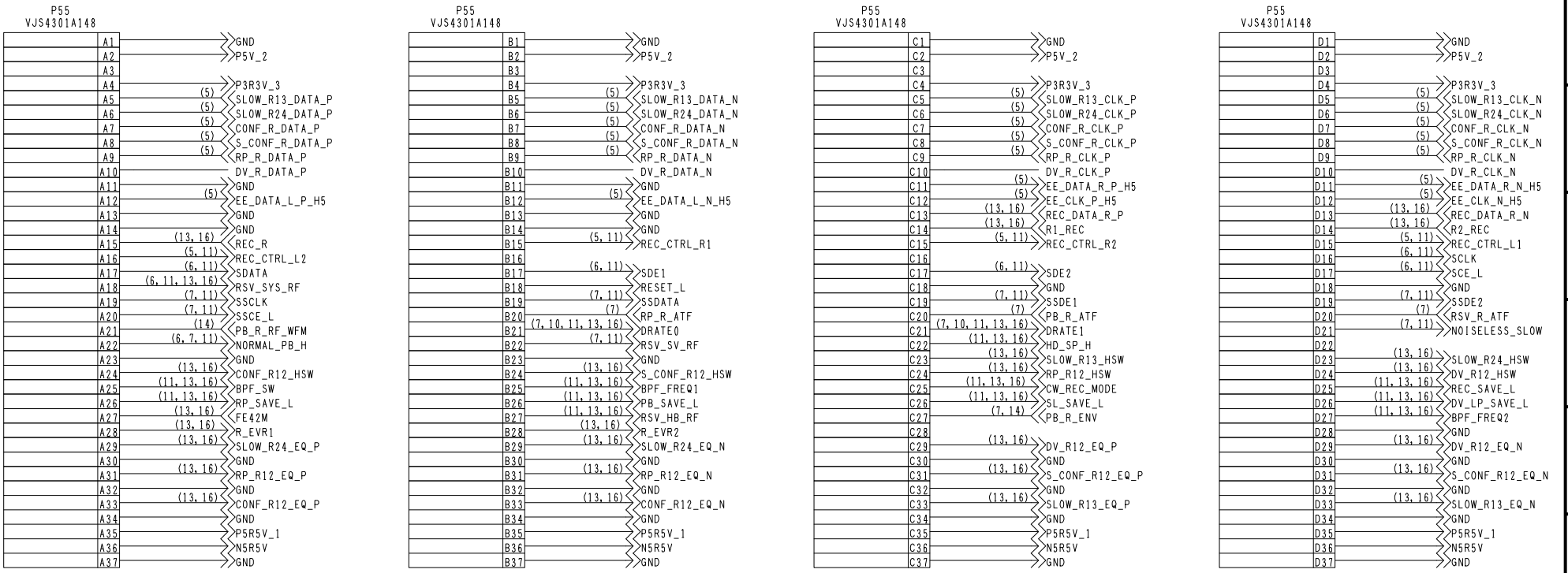
COMPONENT NAME	MOTHER (CUE)	10/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (10/16) (2)
		SCM153

REFQ_L



COMPONENT NAME	MOTHER (RFEQ_L)	11/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (11/16) (2)
		SCM154

RFEQ_R

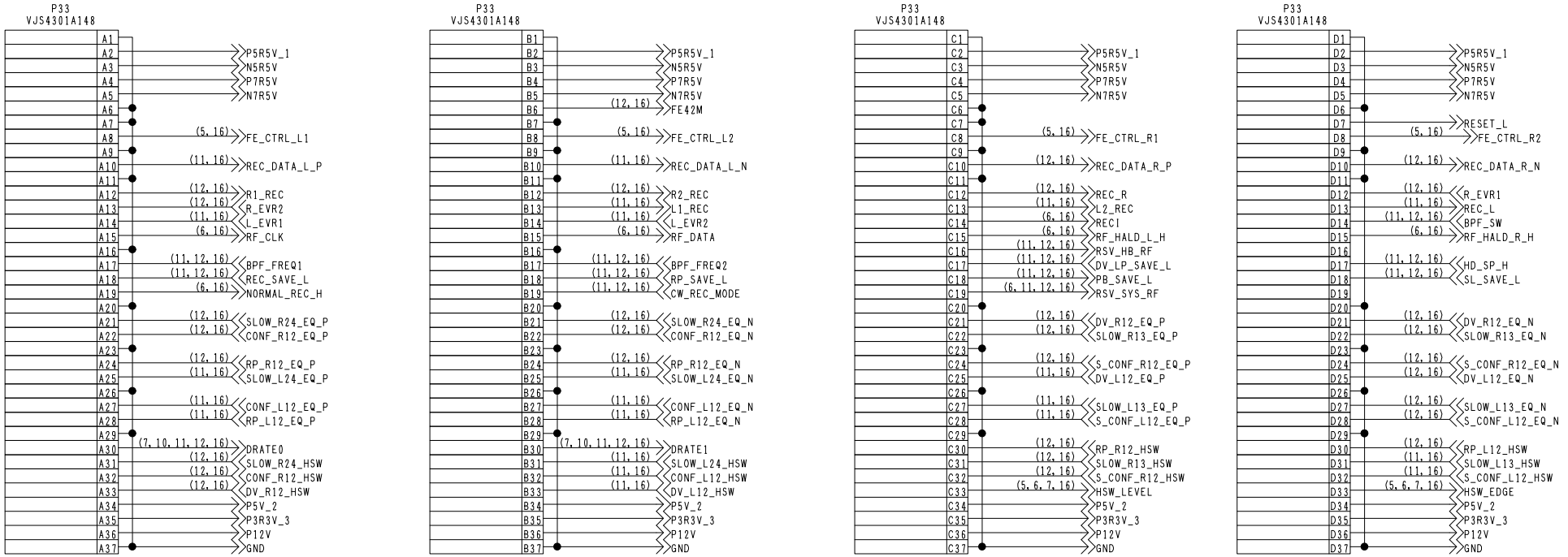


COMPONENT NAME	MOTHER (RFEQ_R)	12/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (12/16) (2)
		SCM155

A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

HEAD BUFF

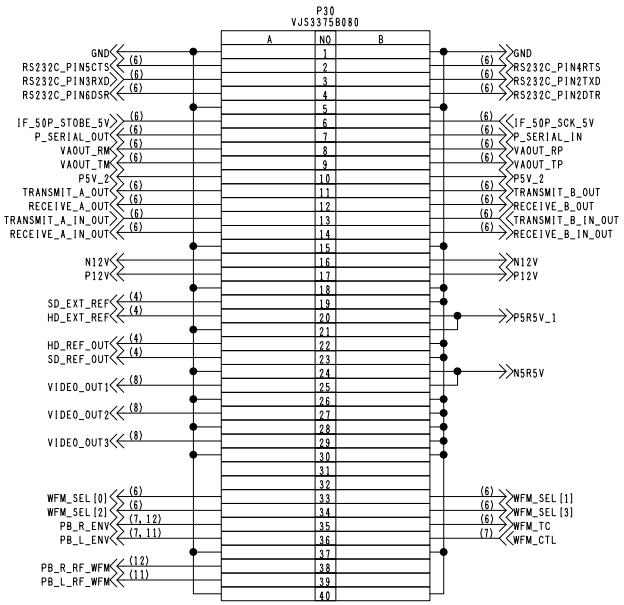


COMPONENT NAME	MOTHER (HEAD_BUFF)	13/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (13/16) (2)
		SCM156

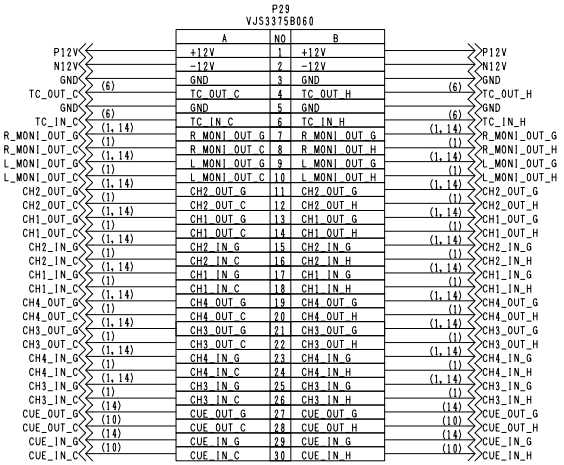
A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

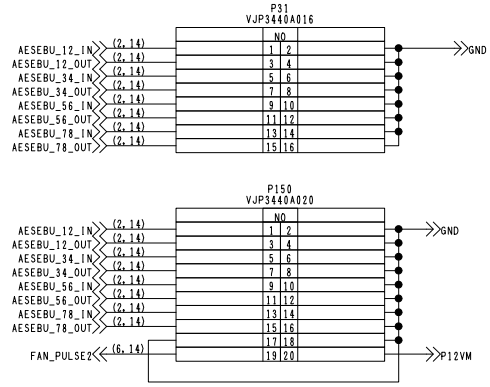
TO V/S_JACK



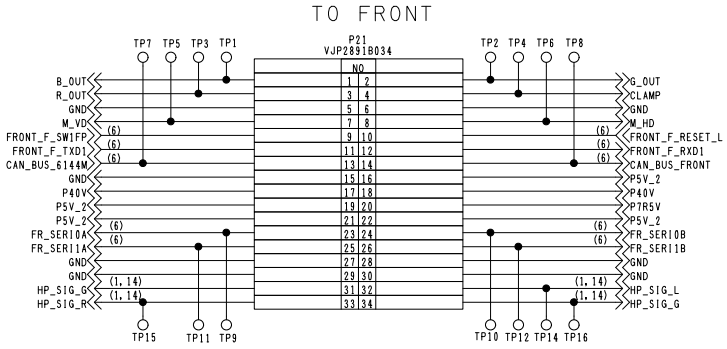
TO A_JACK



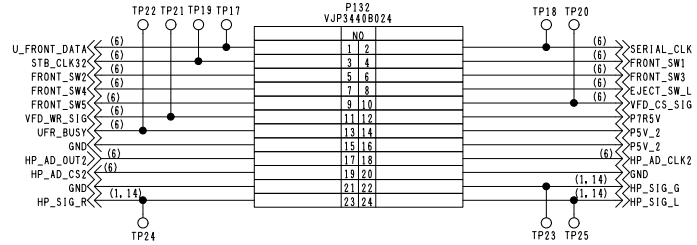
TO AES/EBU



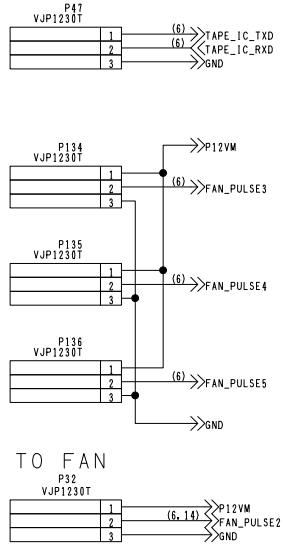
TO FRONT



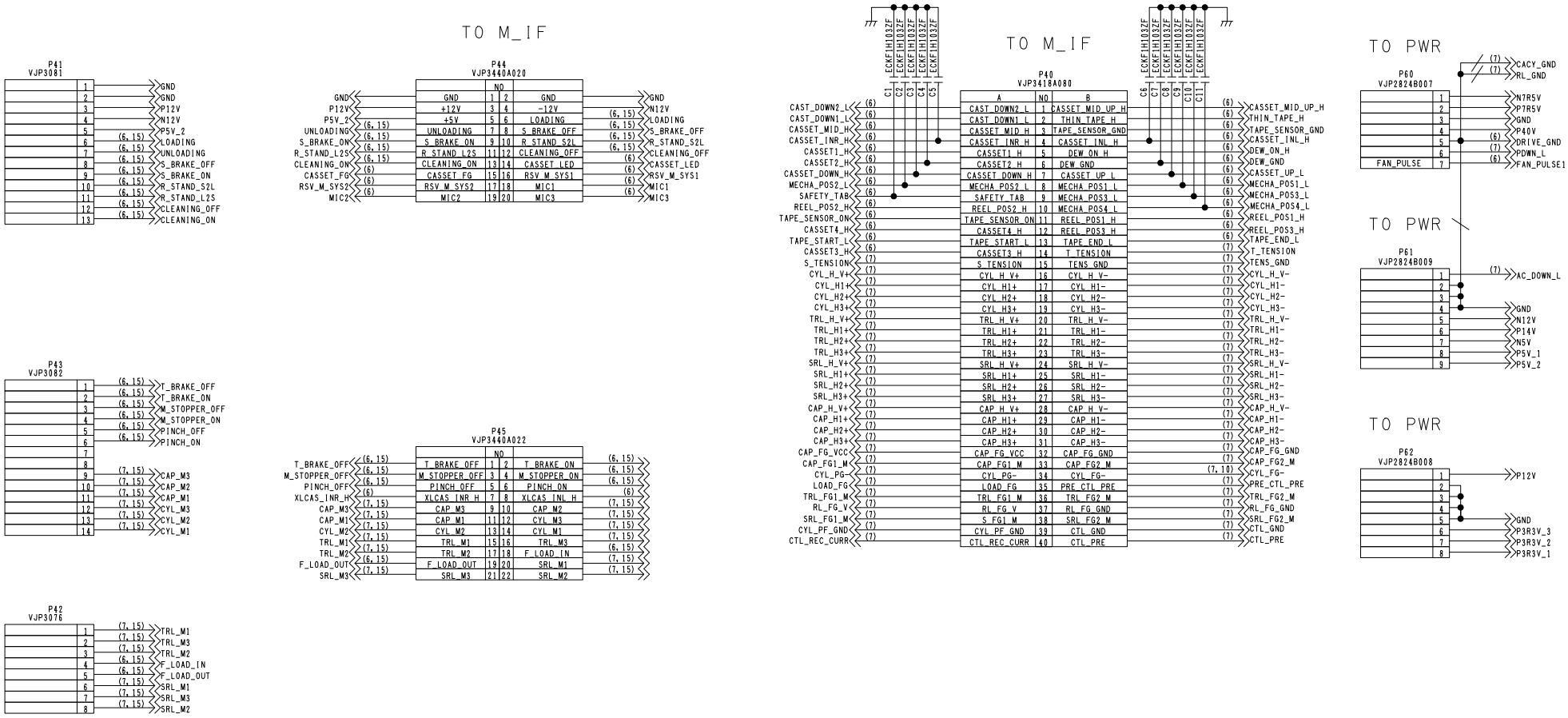
TO UP_FRONT



TO FAN

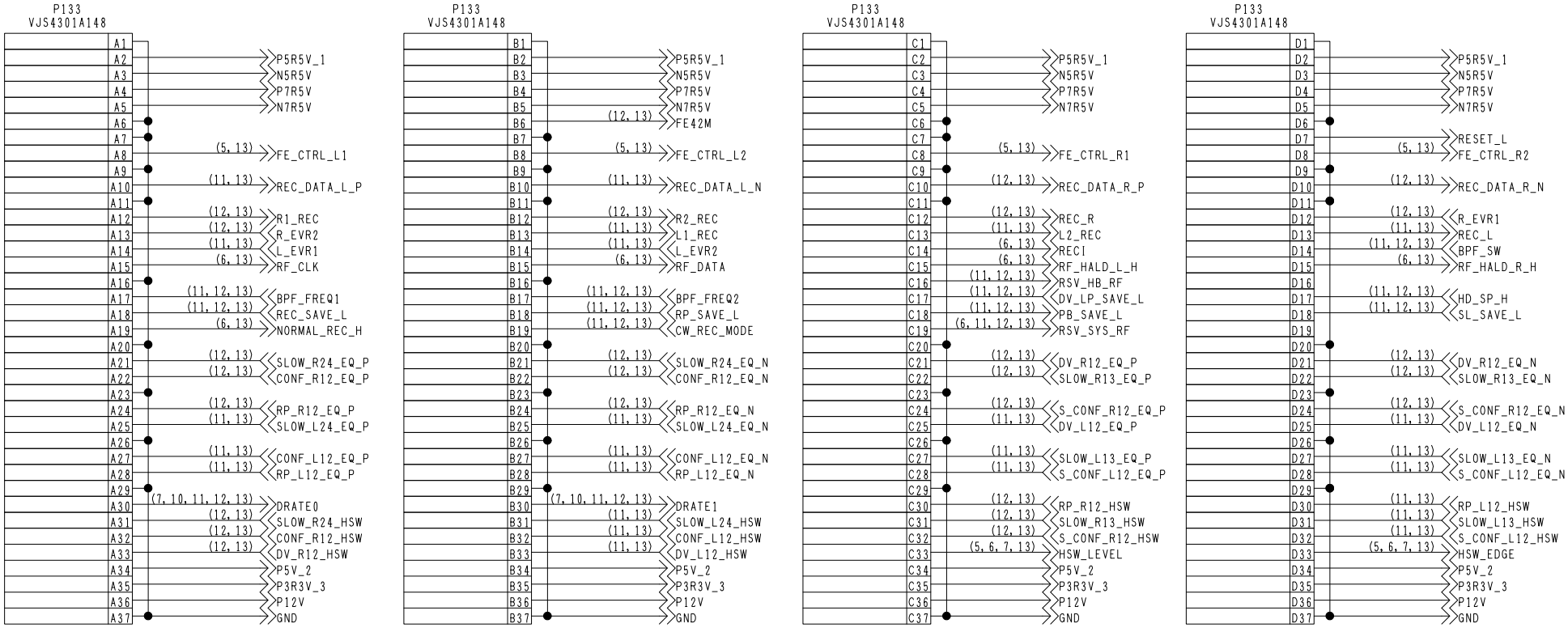


COMPONENT NAME	**MOTHER (others)**	14/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP89139A	KR9K09 (14/16) (2)	
	SCM157	

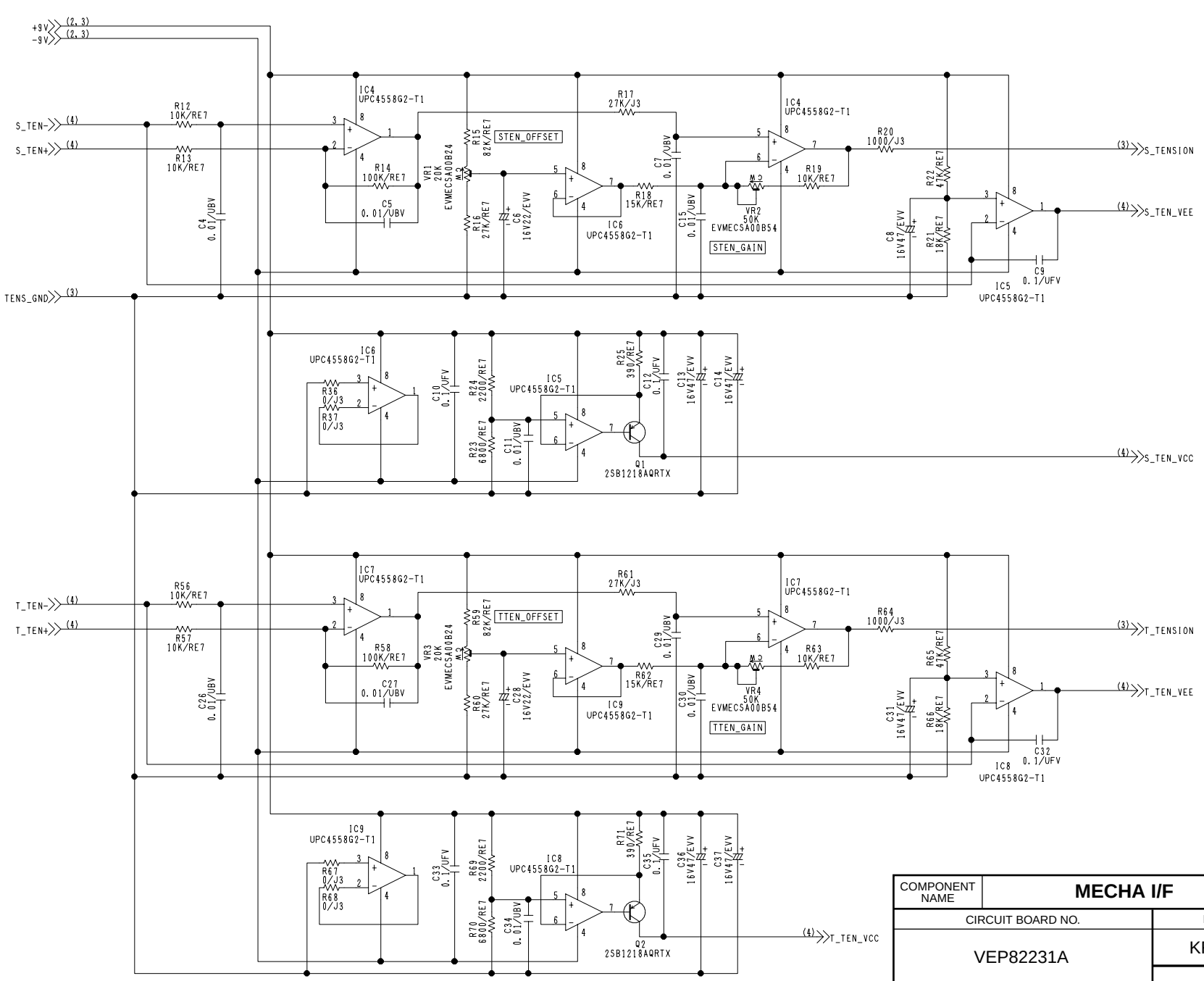


COMPONENT NAME	**MOTHER (others)**	15/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (15/16) (2)
		SCM158

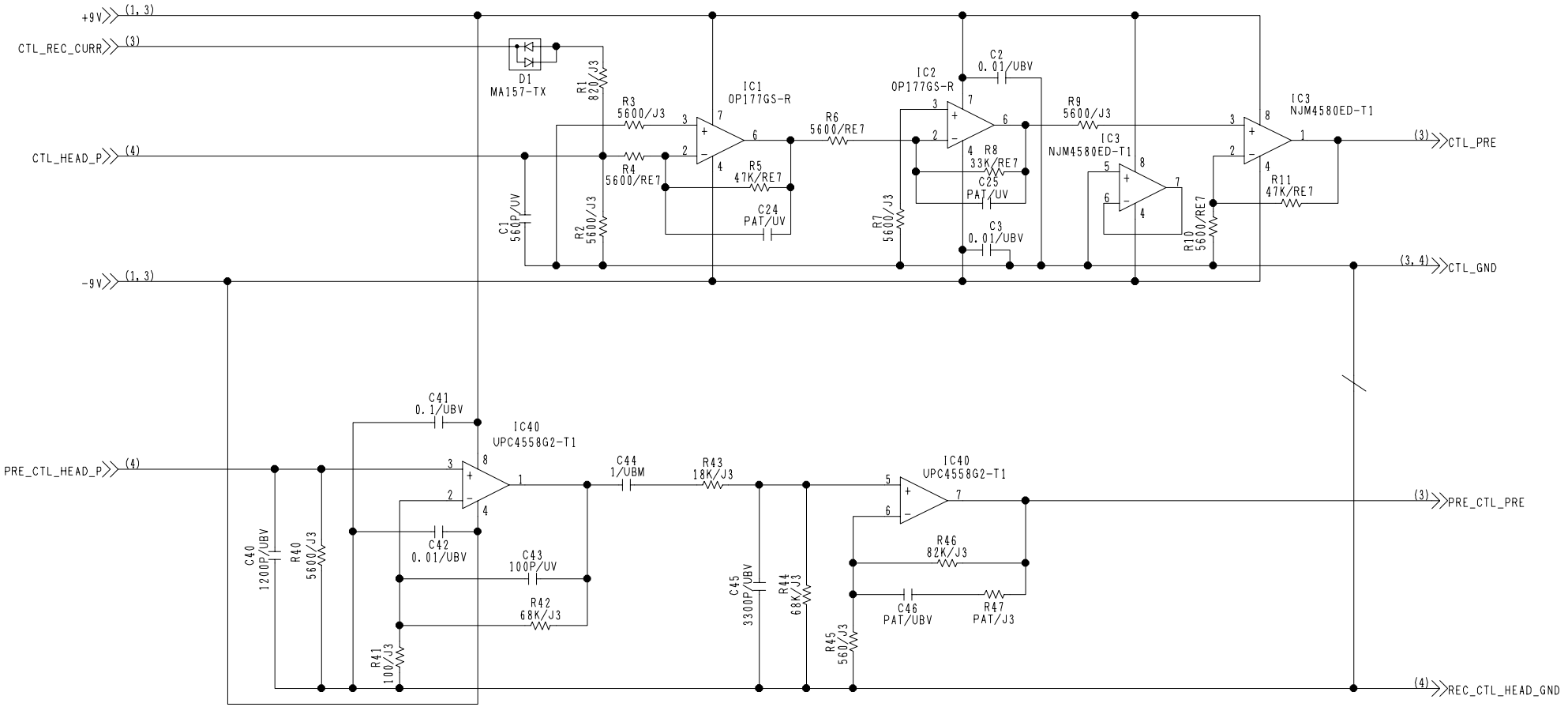
L_CAS_H_BUFF (RESERVED)



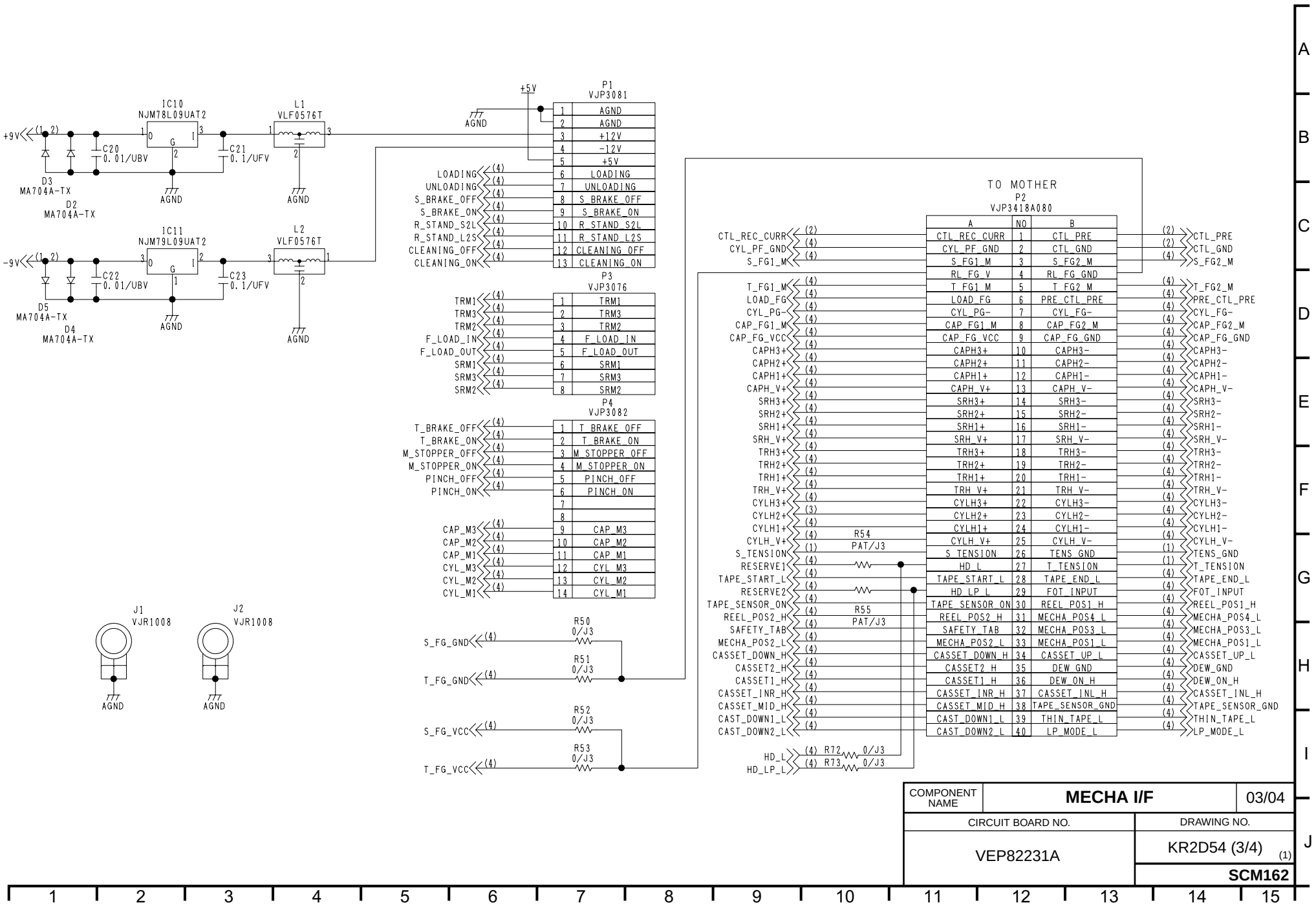
COMPONENT NAME	MOTHER (H_BUFF)	16/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP89139A		KR9K09 (16/16) (2)
		SCM159



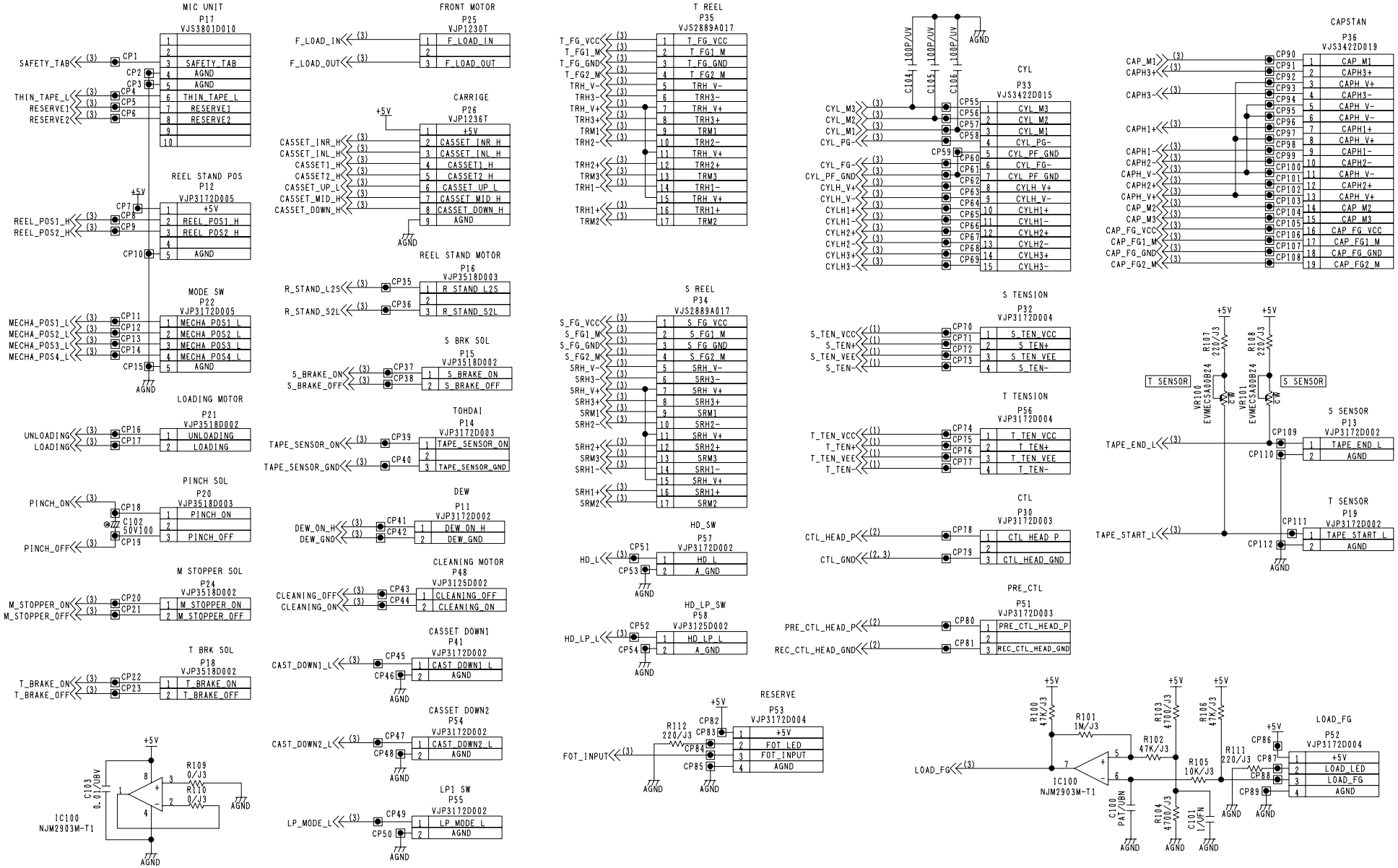
COMPONENT NAME	**MECHA I/F**	01/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP82231A		KR2D54 (1/4) (1)
		SCM160



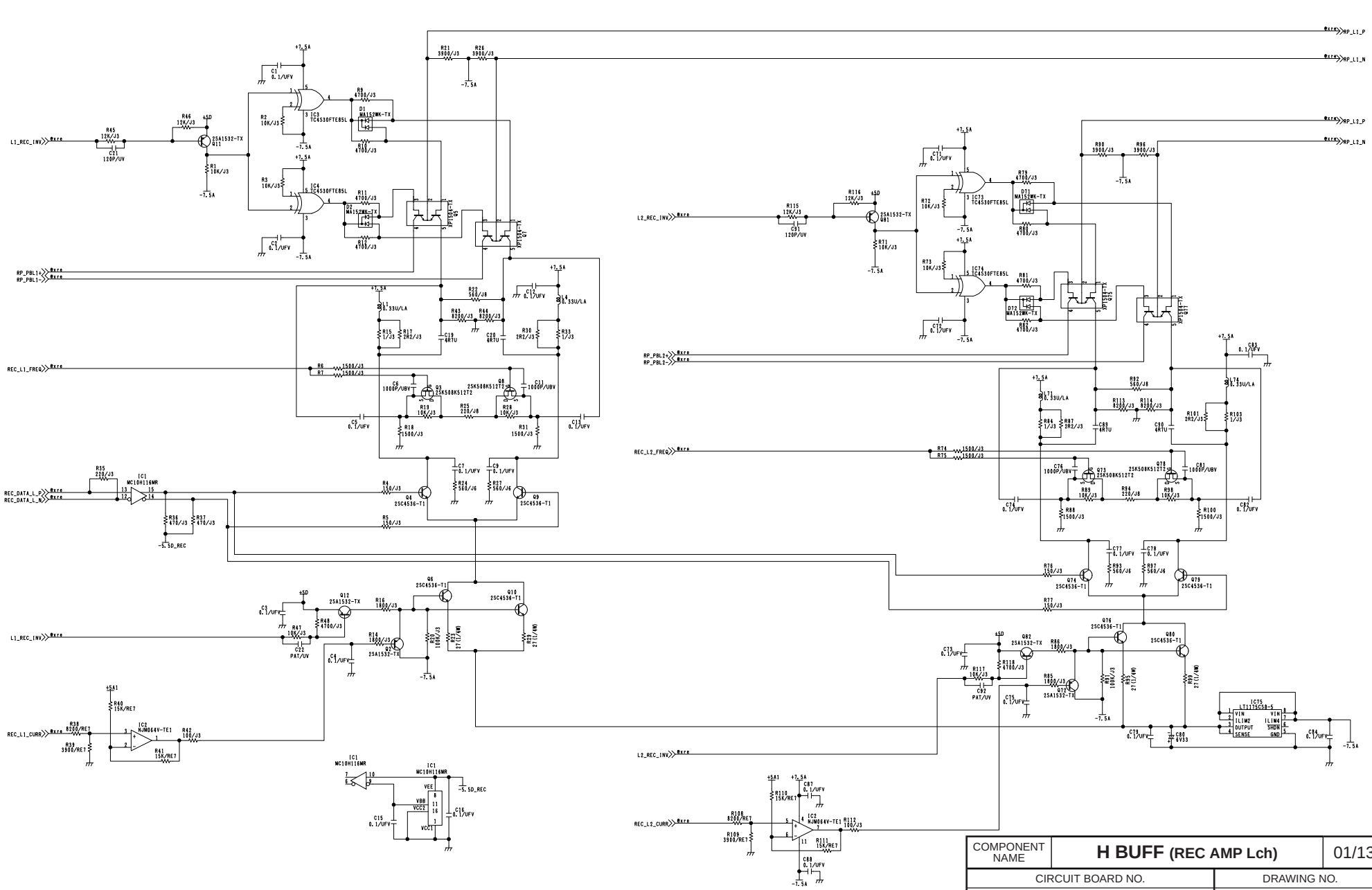
COMPONENT NAME	MECHA I/F	02/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP82231A		KR2D54 (2/4) (1)
		SCM161



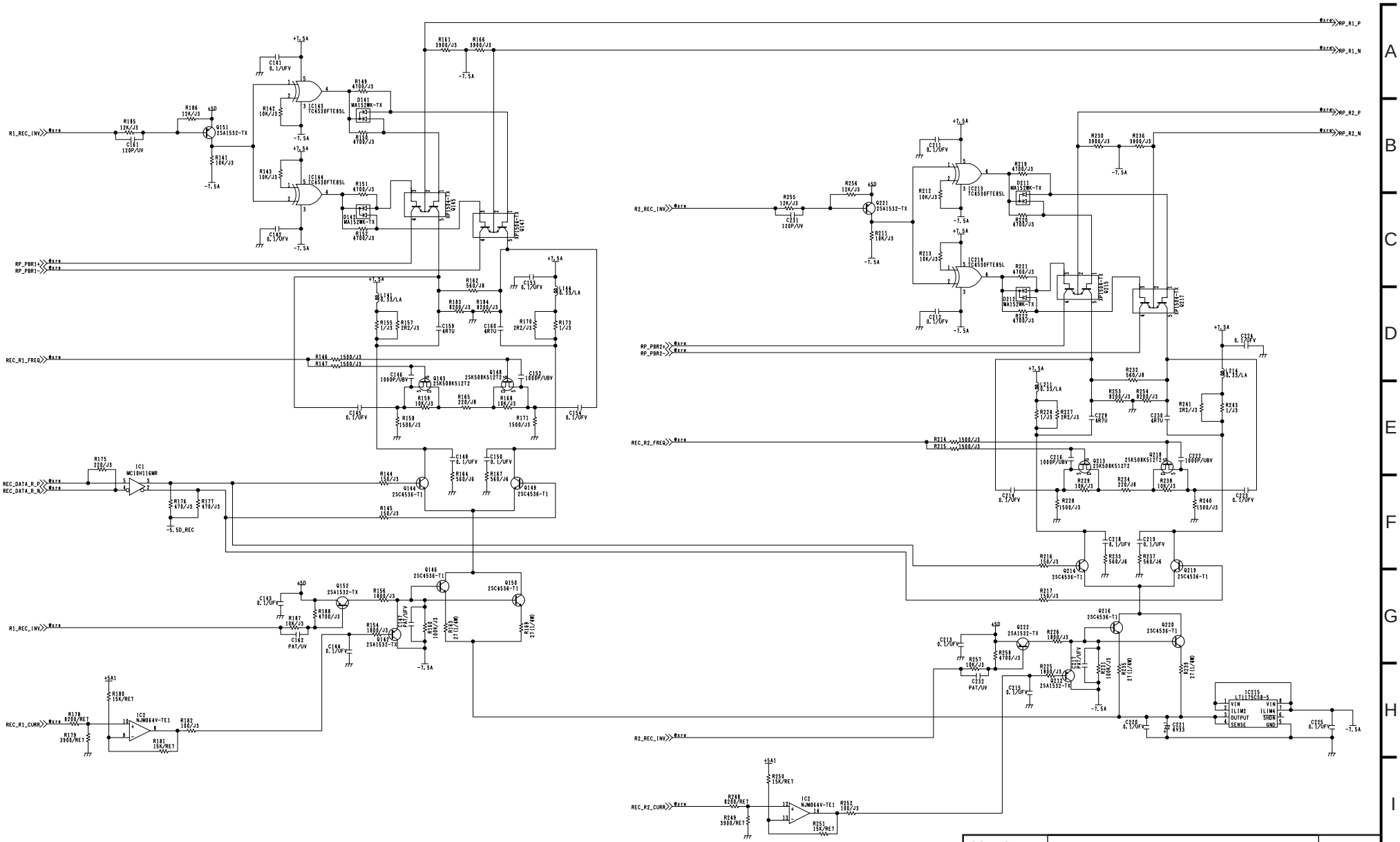
COMPONENT NAME	**MECHA I/F**	03/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP82231A		KR2D54 (3/4) (1)
		SCM162



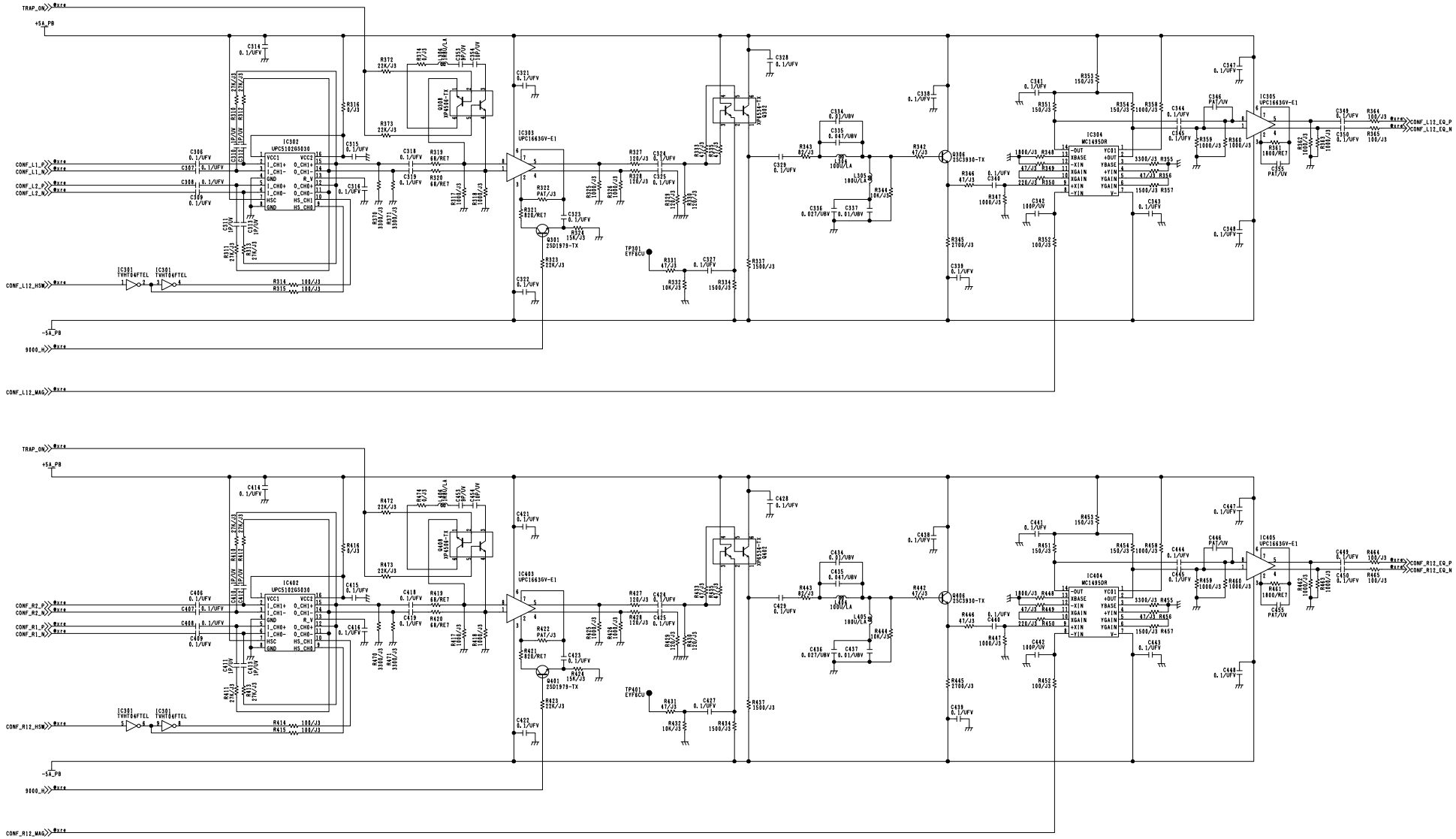
COMPONENT NAME	**MECHA I/F**	04/04
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82231A	KR2D54 (4/4) (1)	
	SCM163	



COMPONENT NAME	**H BUFF (REC AMP Lch)**	01/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (1/13) (2)
		SCM164



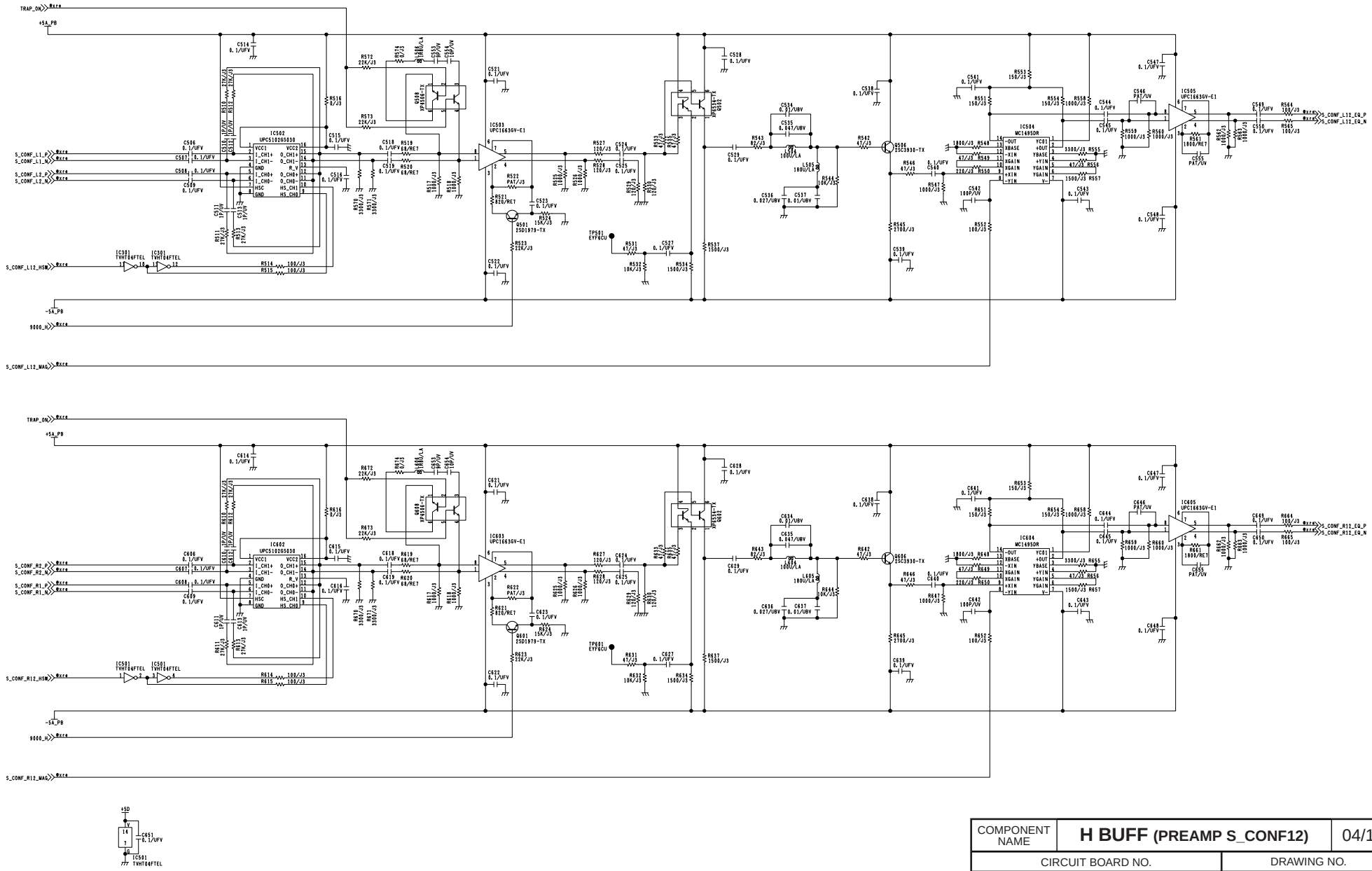
COMPONENT NAME	H BUFF (REC AMP Rch)	02/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (2/13) (2)
		SCM165



COMPONENT NAME	H BUFF (PREAMP CONF12)	03/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (3/13) (2)
		SCM166

A B C D E F G H I J

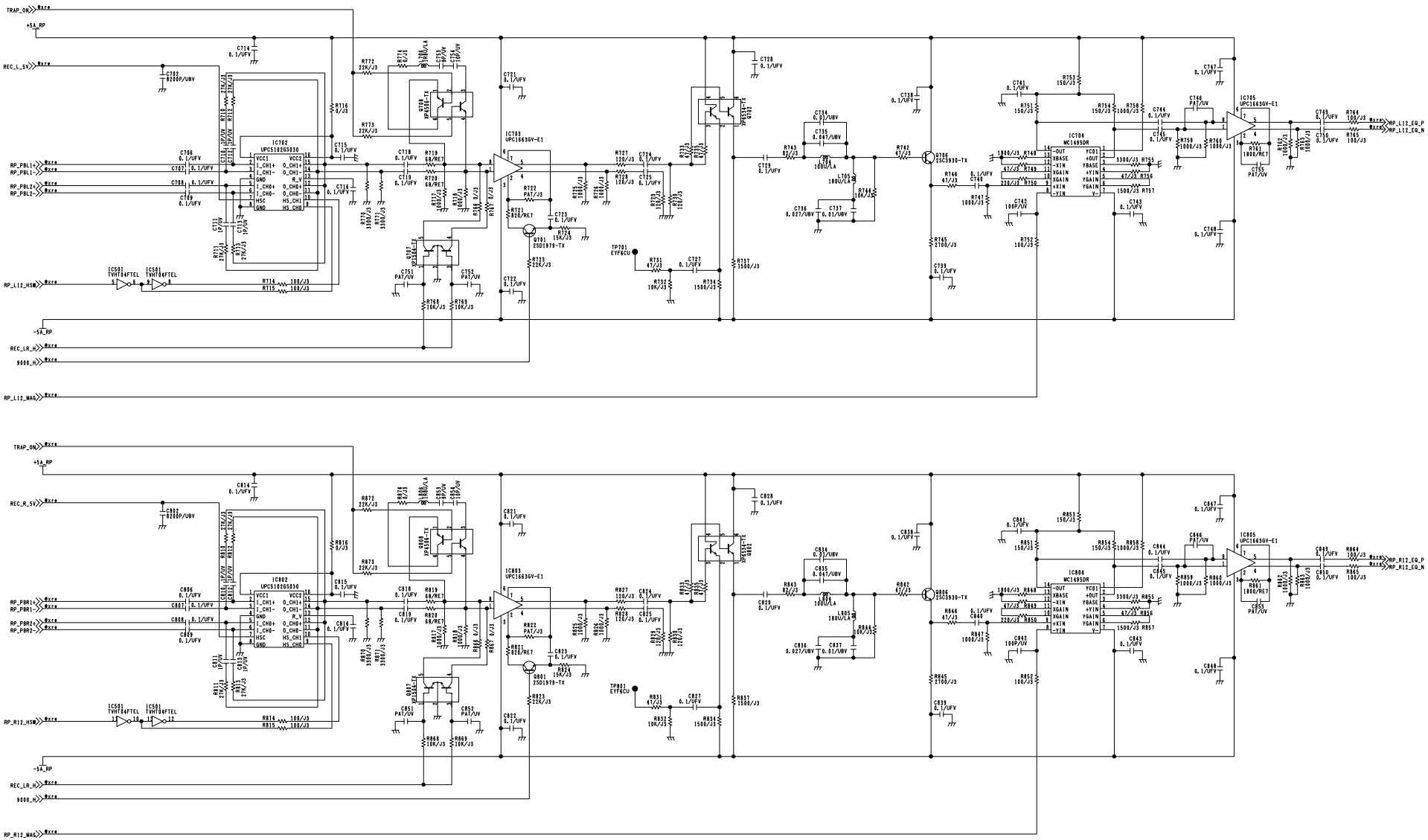
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



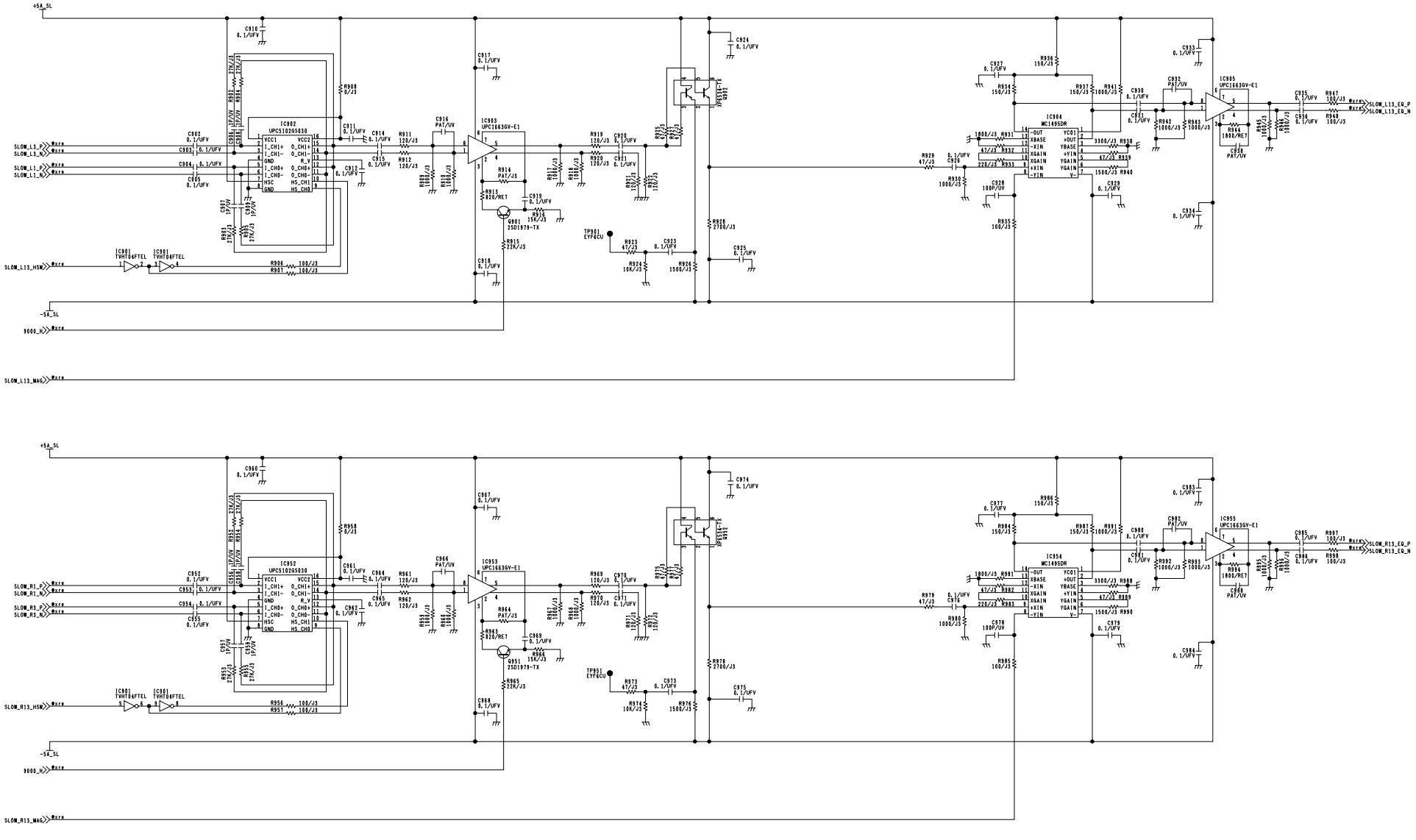
COMPONENT NAME	**H BUFF (PREAMP S_CONF12)**	04/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (4/13) (2)
		SCM167

A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



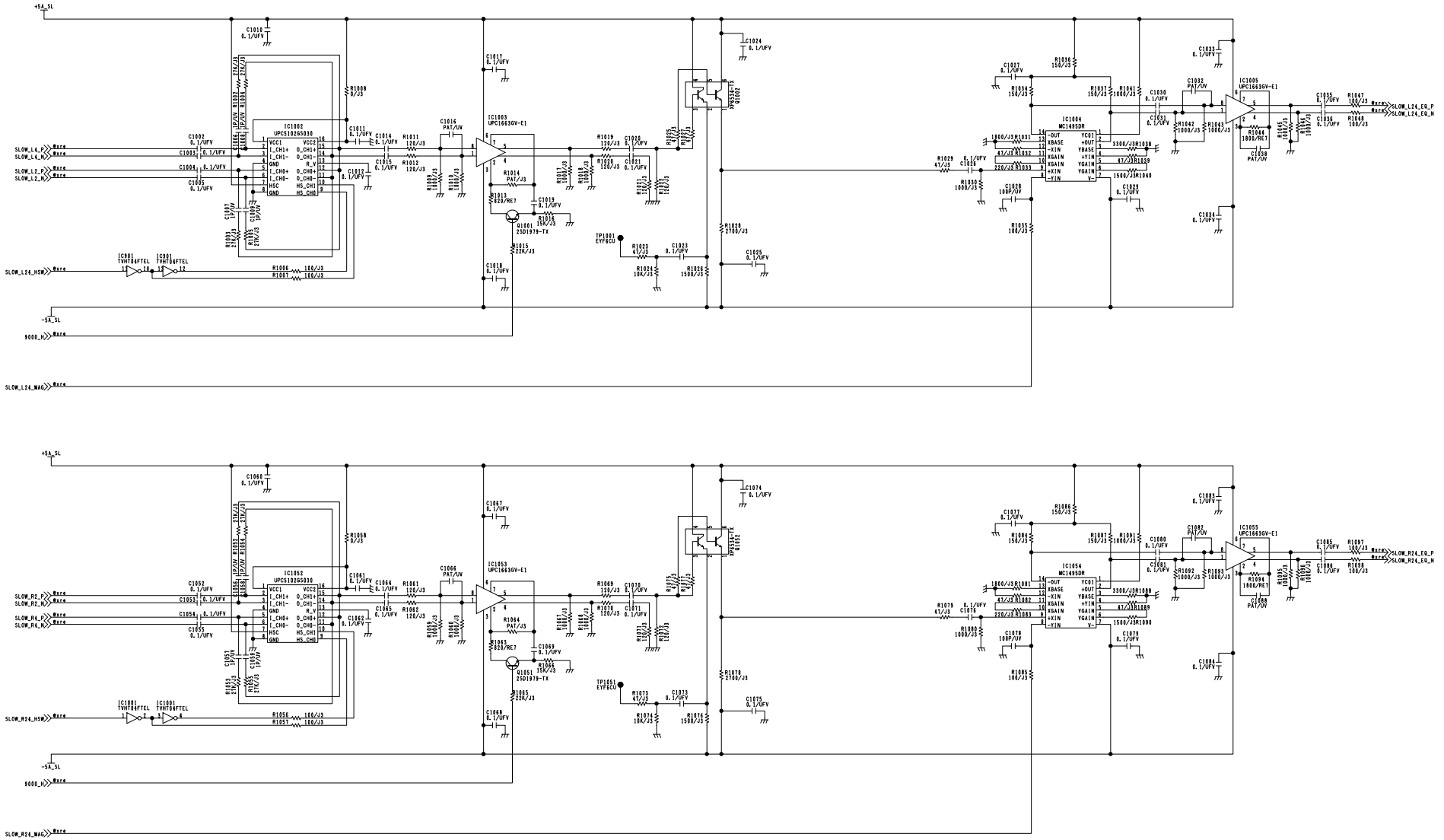
COMPONENT NAME	**H BUFF (PREAMP RP12)**	05/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (5/13) (2)
		SCM168



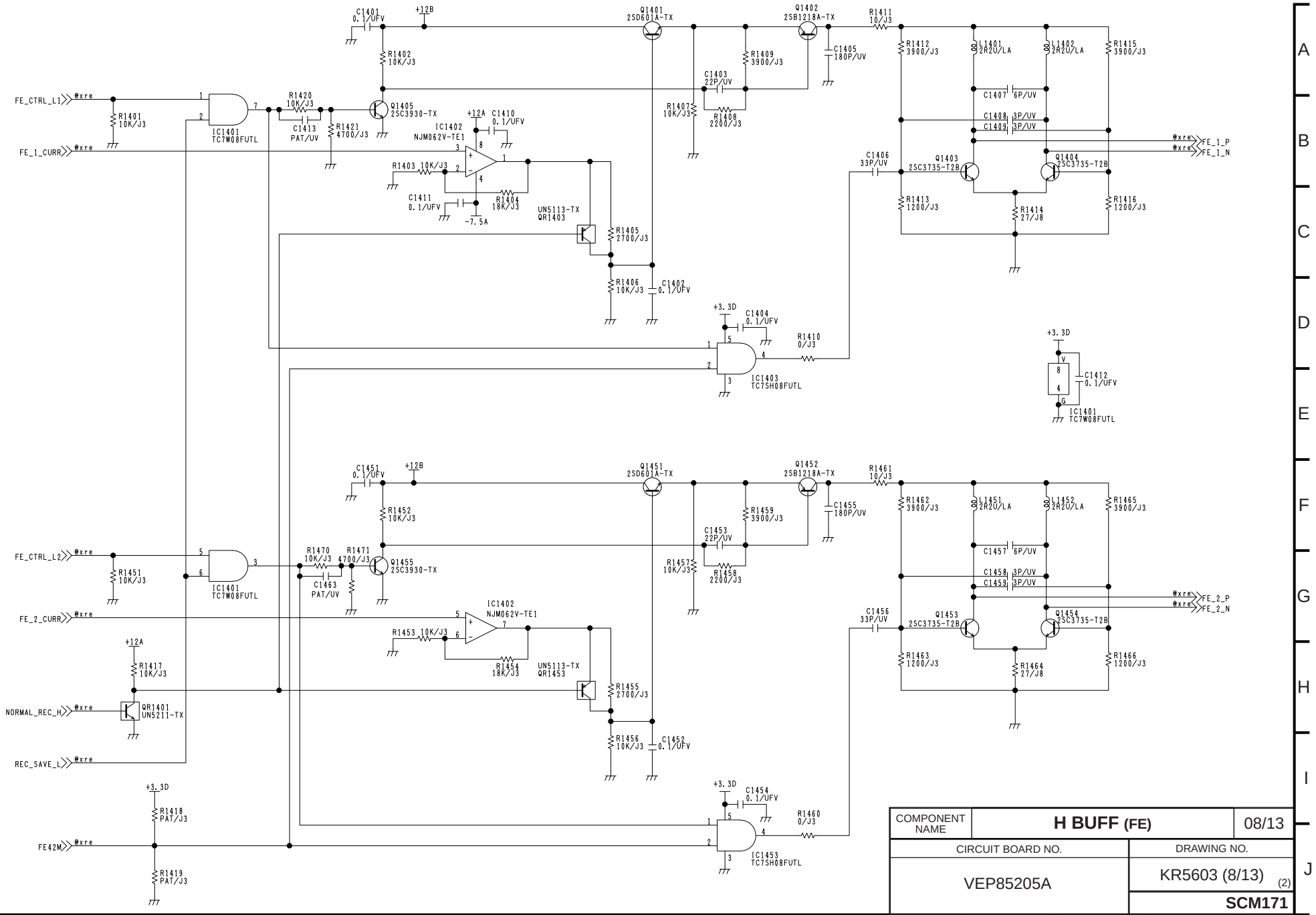
COMPONENT NAME	H BUFF (PREAMP SLOW13)	06/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (6/13) (2)
		SCM169

A B C D E F G H I J

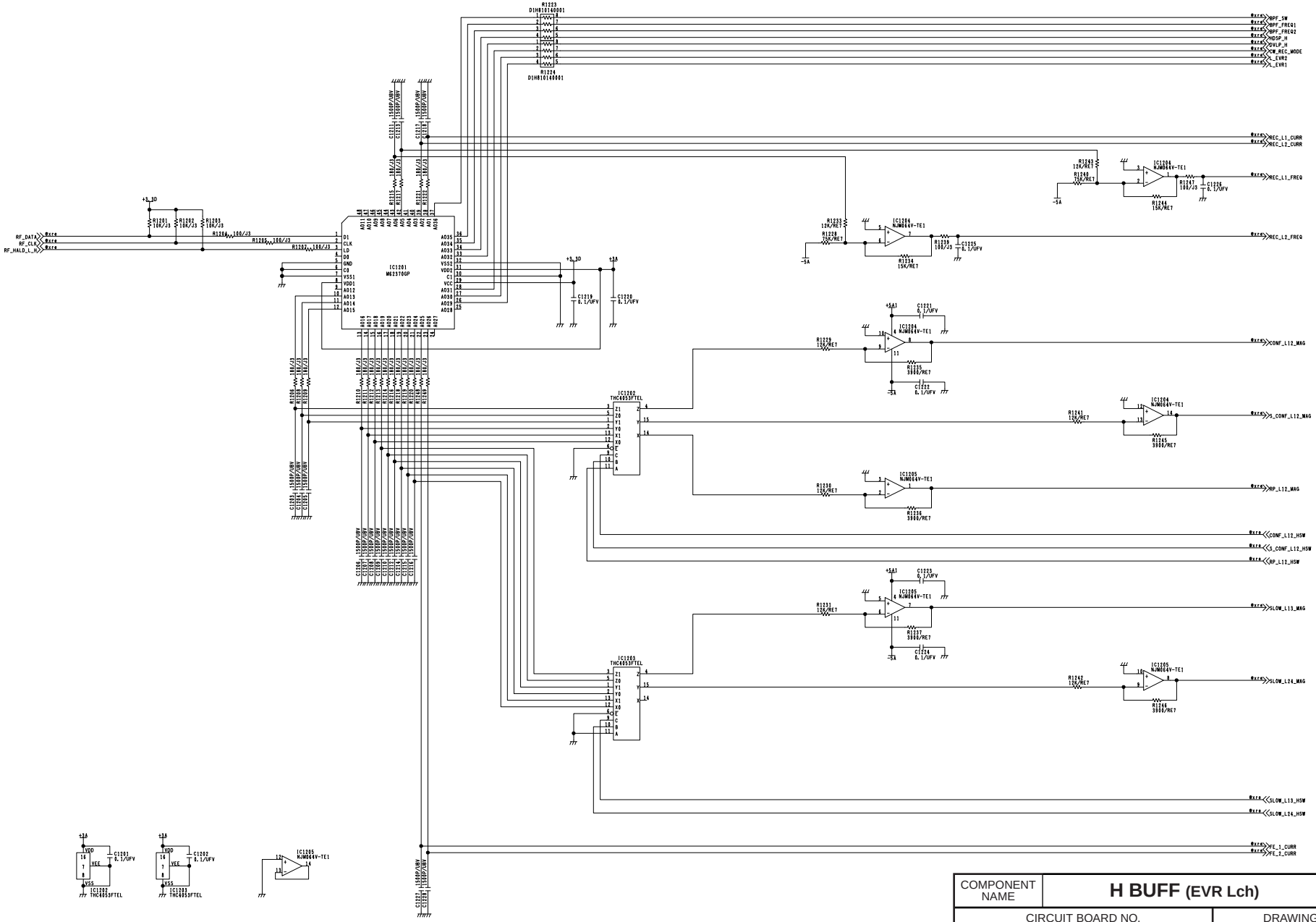
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



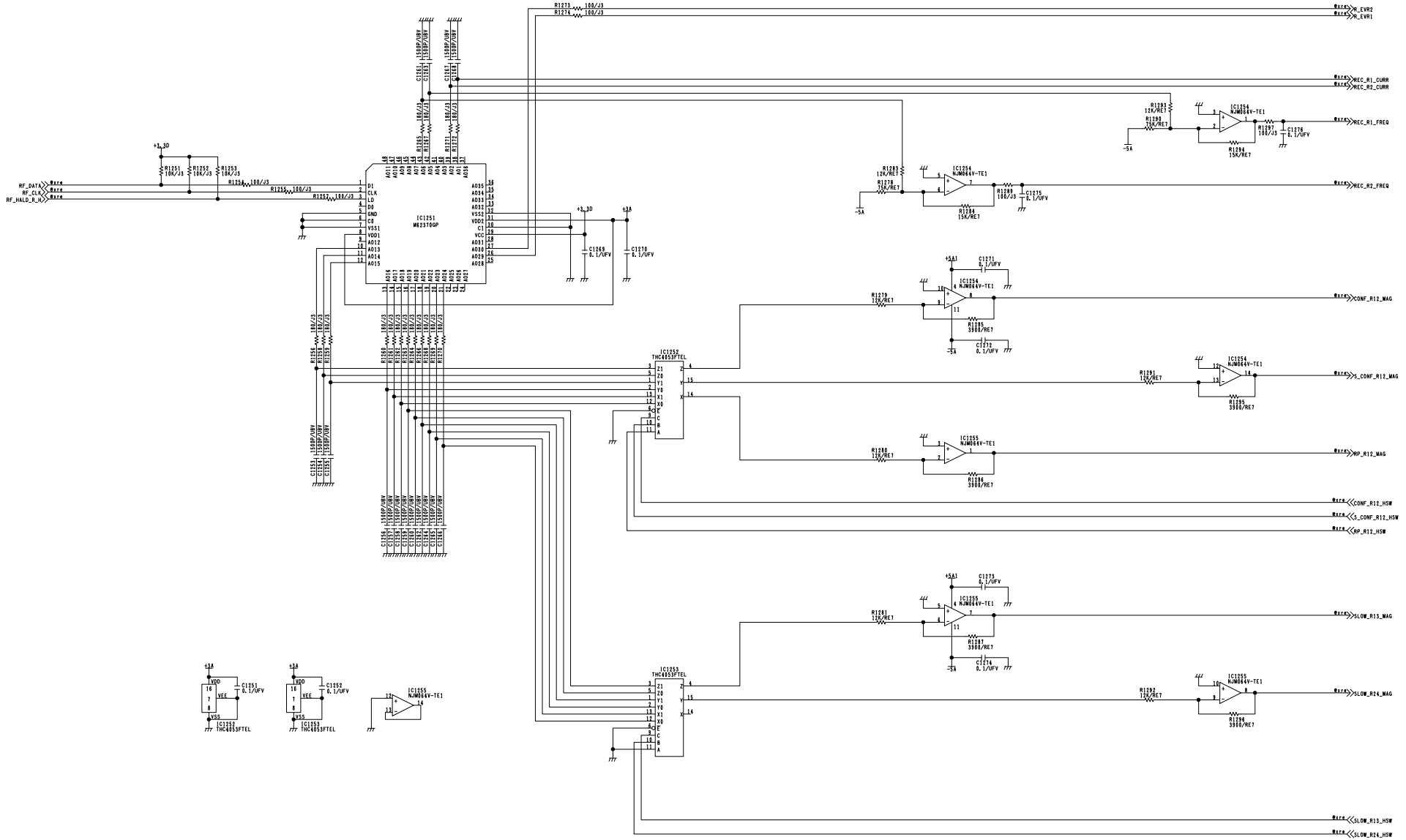
COMPONENT NAME	**H BUFF (PREAMP SLOW24)**	07/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (7/13) (2)
		SCM170



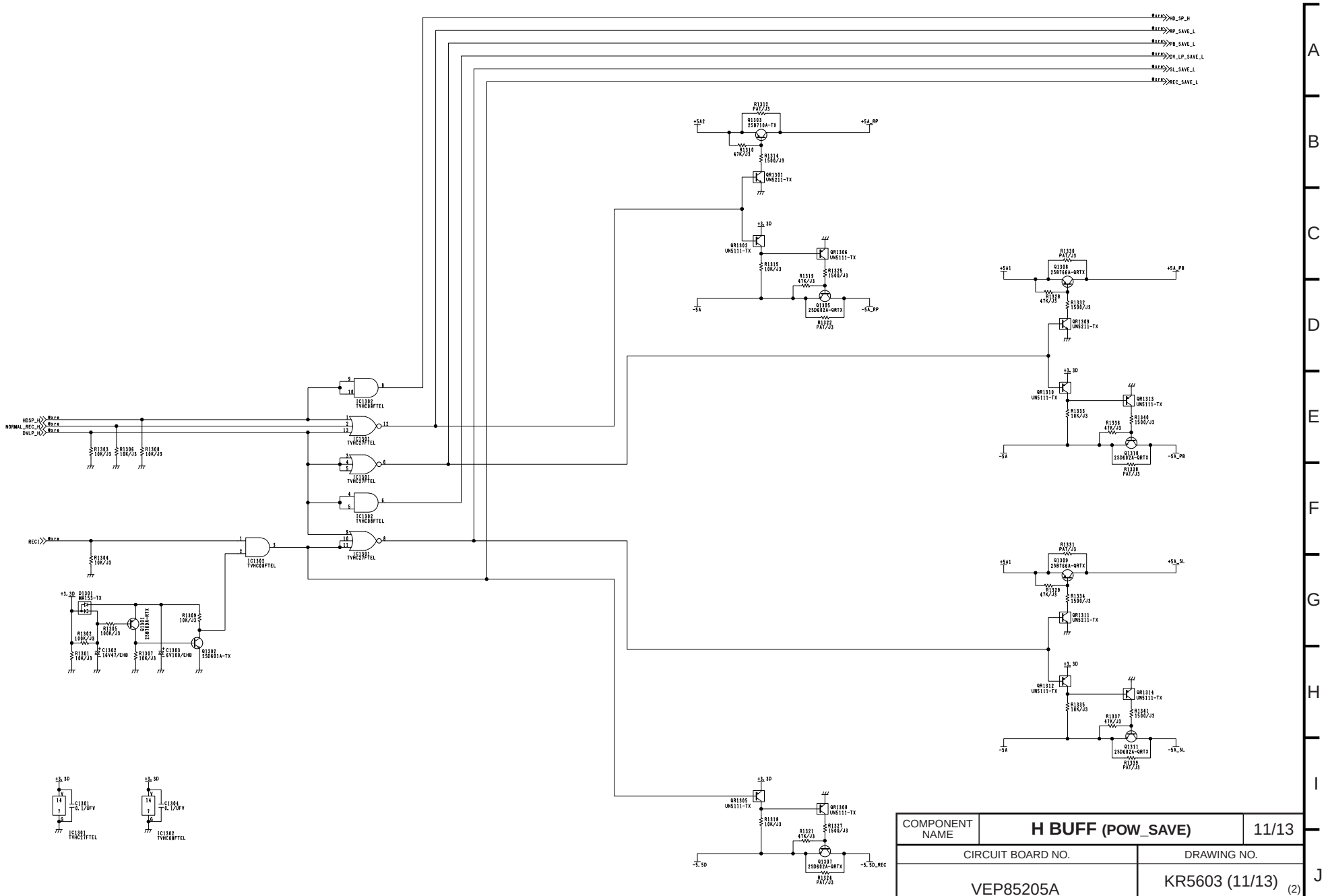
COMPONENT NAME	H BUFF (FE)	08/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (8/13) (2)
		SCM171



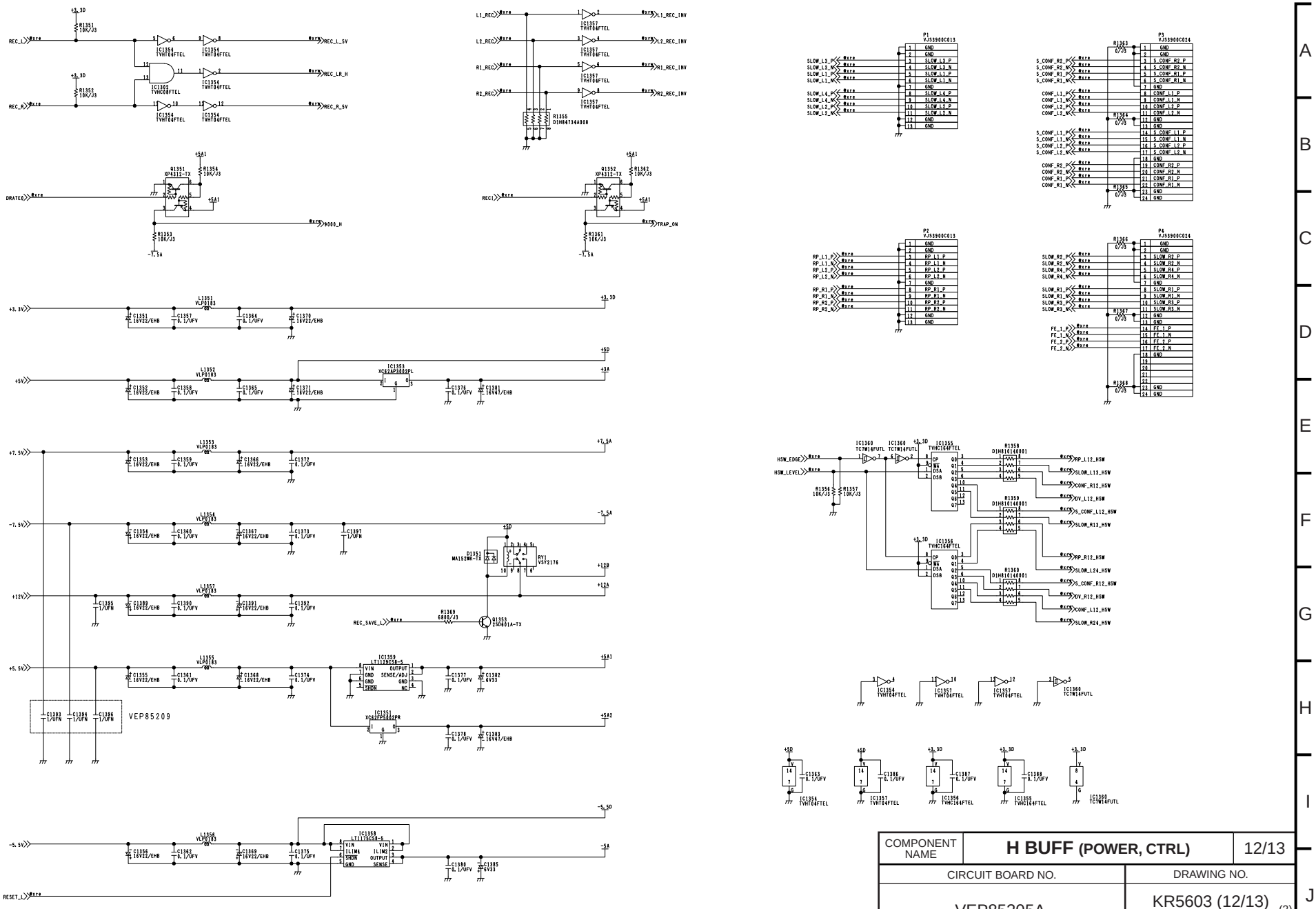
COMPONENT NAME	**H BUFF (EVR Lch)**	09/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (9/13) (2)
		SCM172



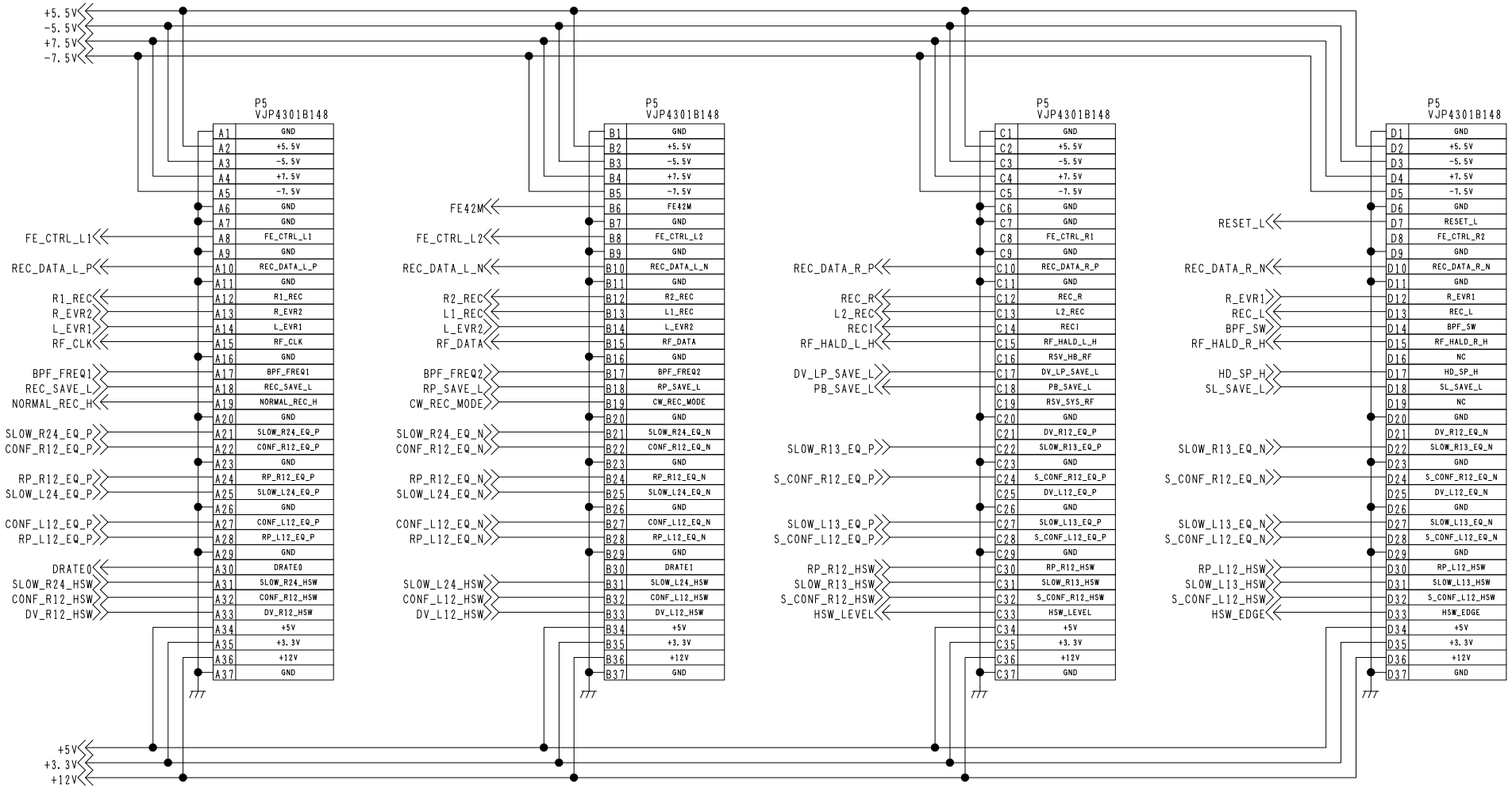
COMPONENT NAME	H BUFF (EVR Rch)	10/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (10/13) (2)
		SCM173



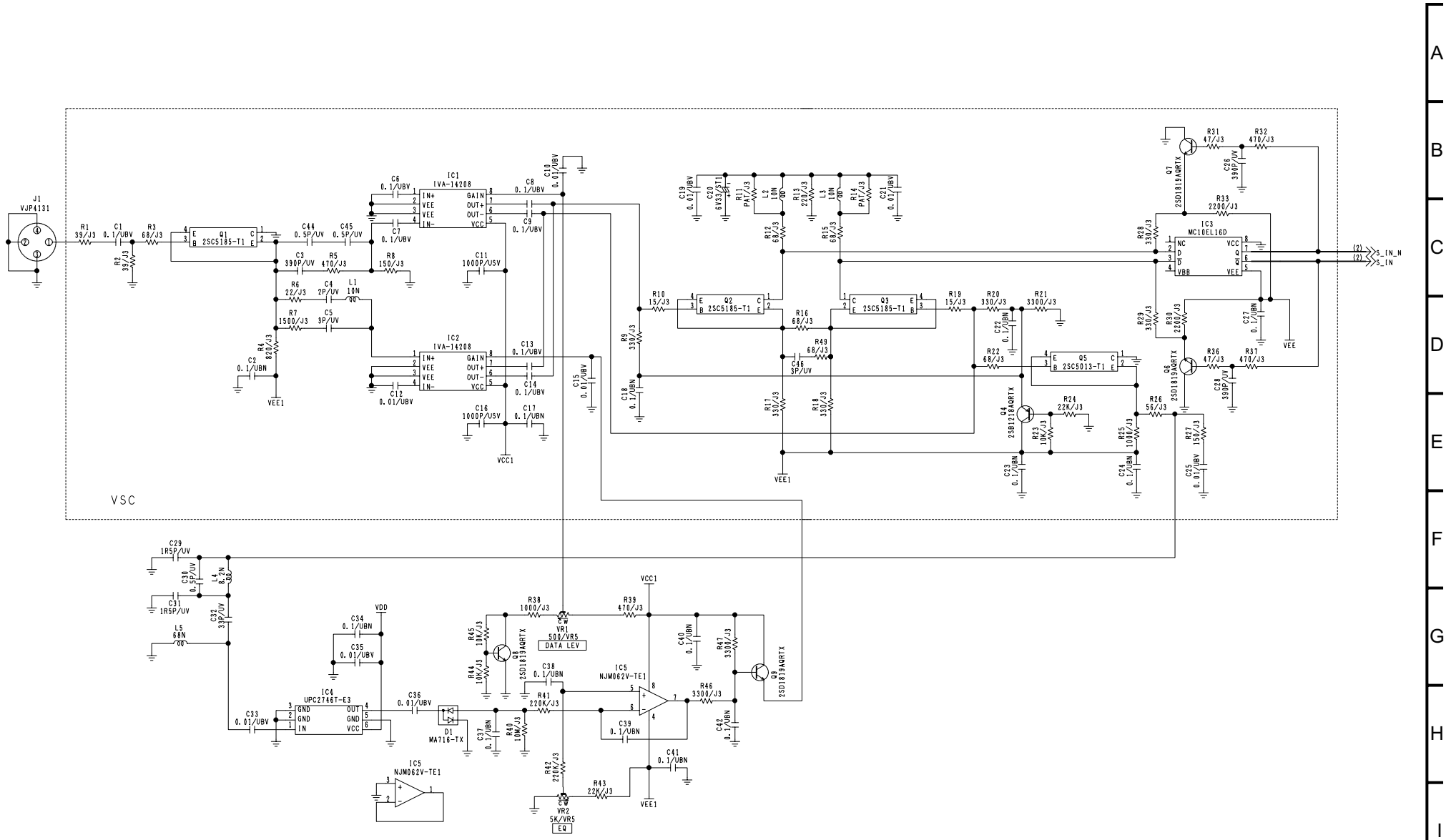
COMPONENT NAME	**H BUFF (POW_SAVE)**	11/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85205A	KR5603 (11/13) (2)	
	SCM174	



COMPONENT NAME	**H BUFF (POWER, CTRL)**	12/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85205A	KR5603 (12/13) (2)	
	SCM175	



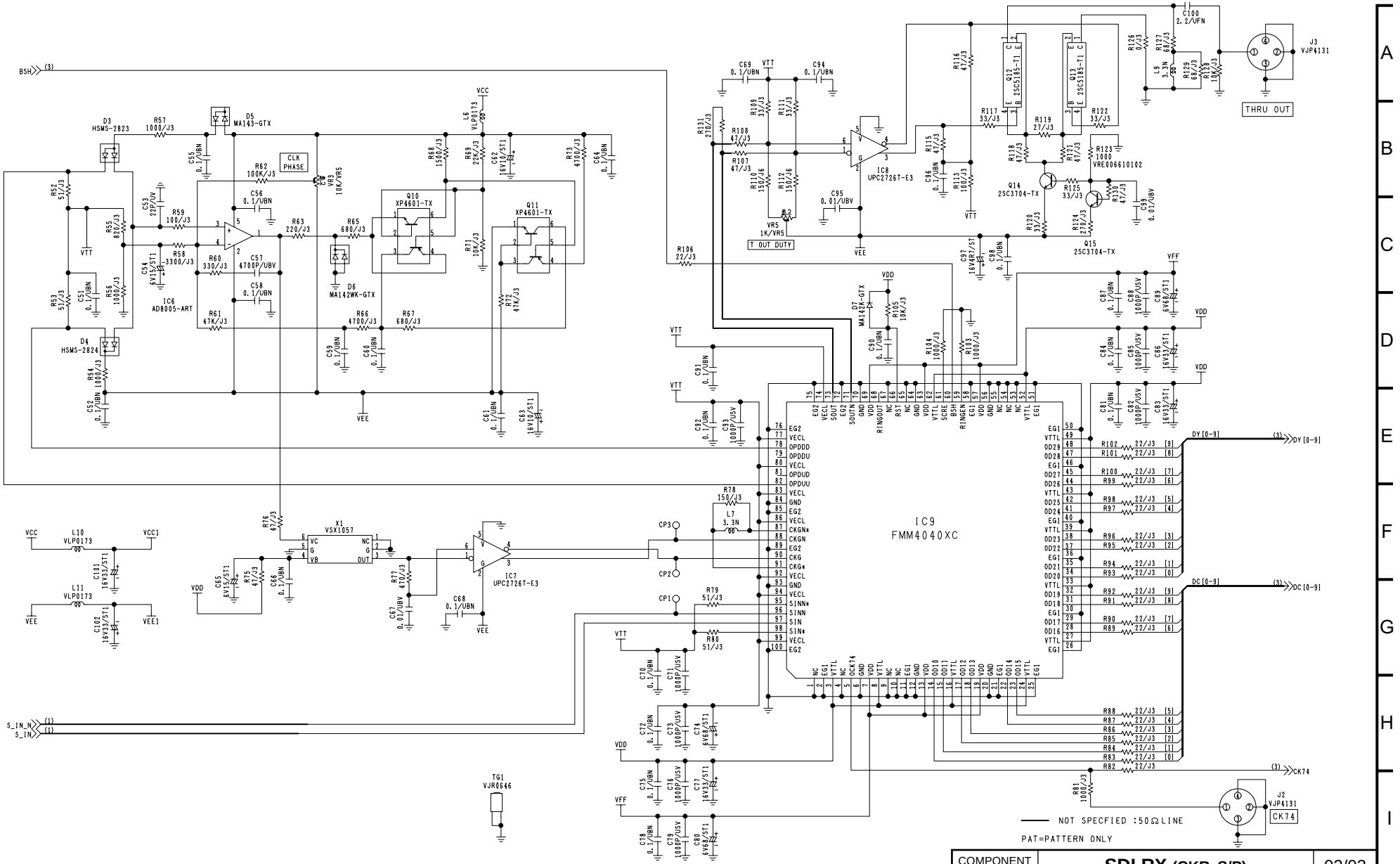
COMPONENT NAME	**H BUFF (CONNECTOR)**	13/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85205A		KR5603 (13/13) (2)
		SCM176



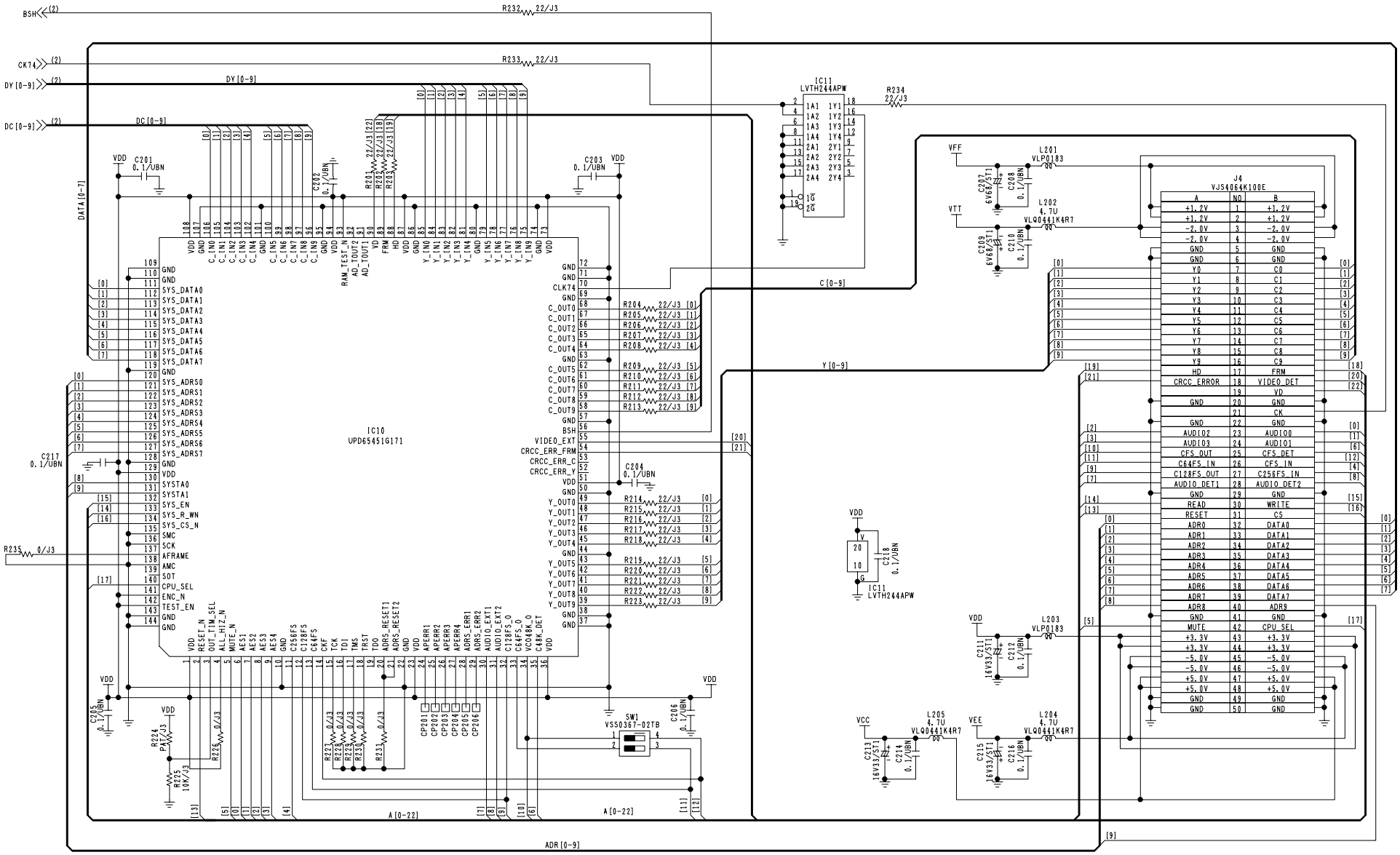
COMPONENT NAME	SDI RX (EQ)	01/03
CIRCUIT BOARD NO.		DRAWING NO.
VEP83459B		KR3X19 (1/3) (1)
		SCM177

A B C D E F G H I J

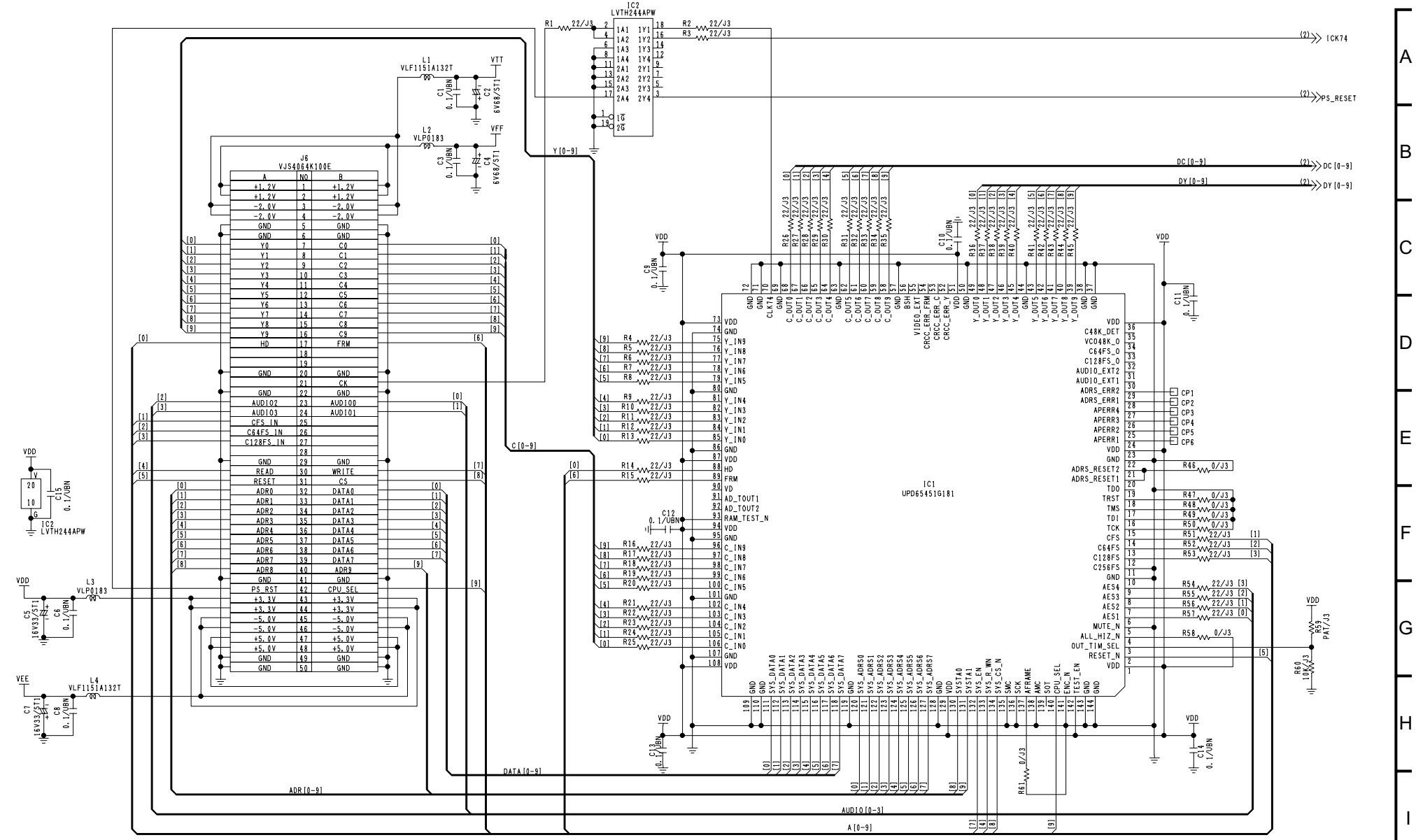
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



COMPONENT NAME	**SDI RX (CKR, S/P)**	02/03
CIRCUIT BOARD NO.		DRAWING NO.
VEP83459B		KR3X19 (2/3) (1)
		SCM178

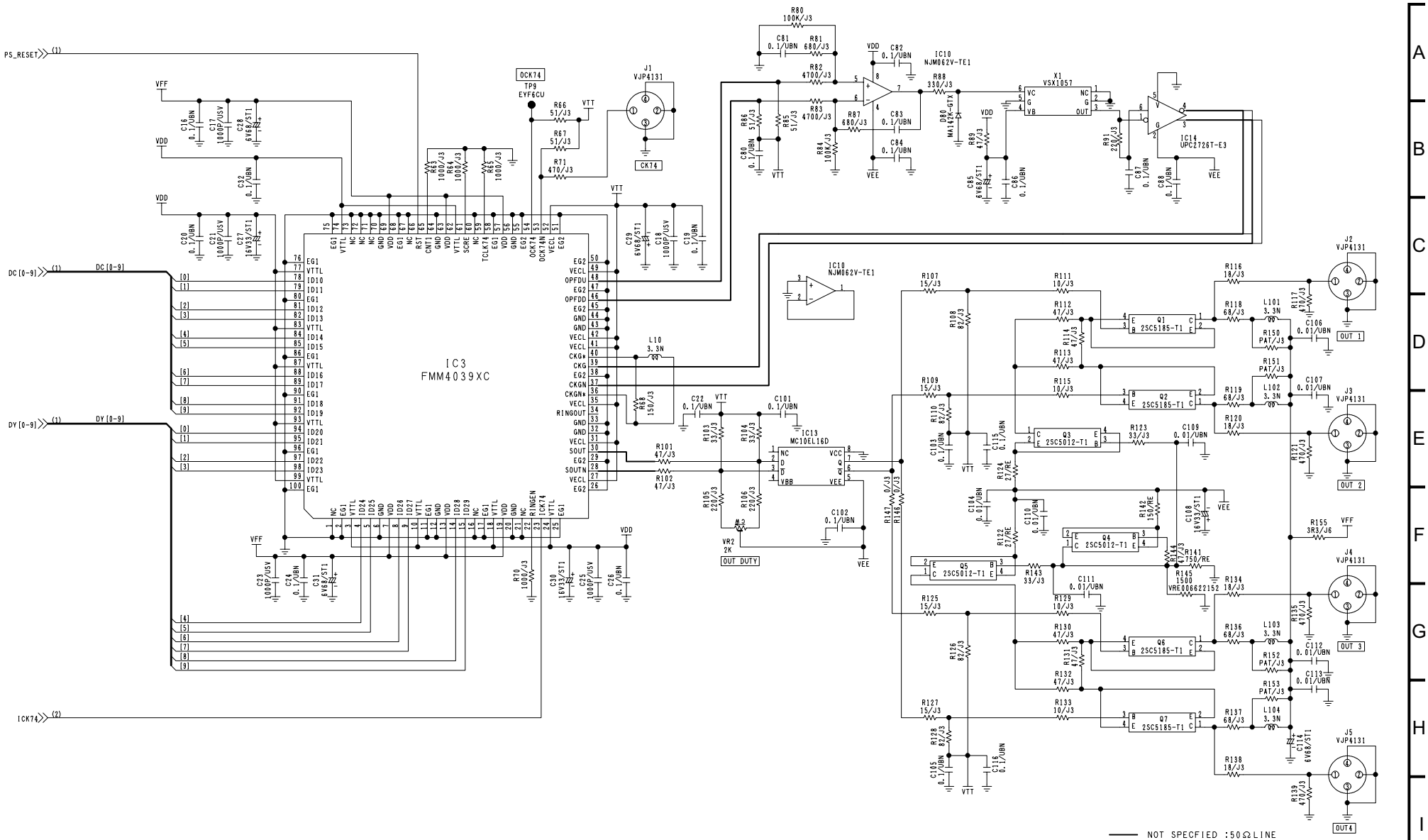


COMPONENT NAME	**SDI RX (DEC)**	03/03
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83459B	KR3X19 (3/3) (1)	
	SCM179	

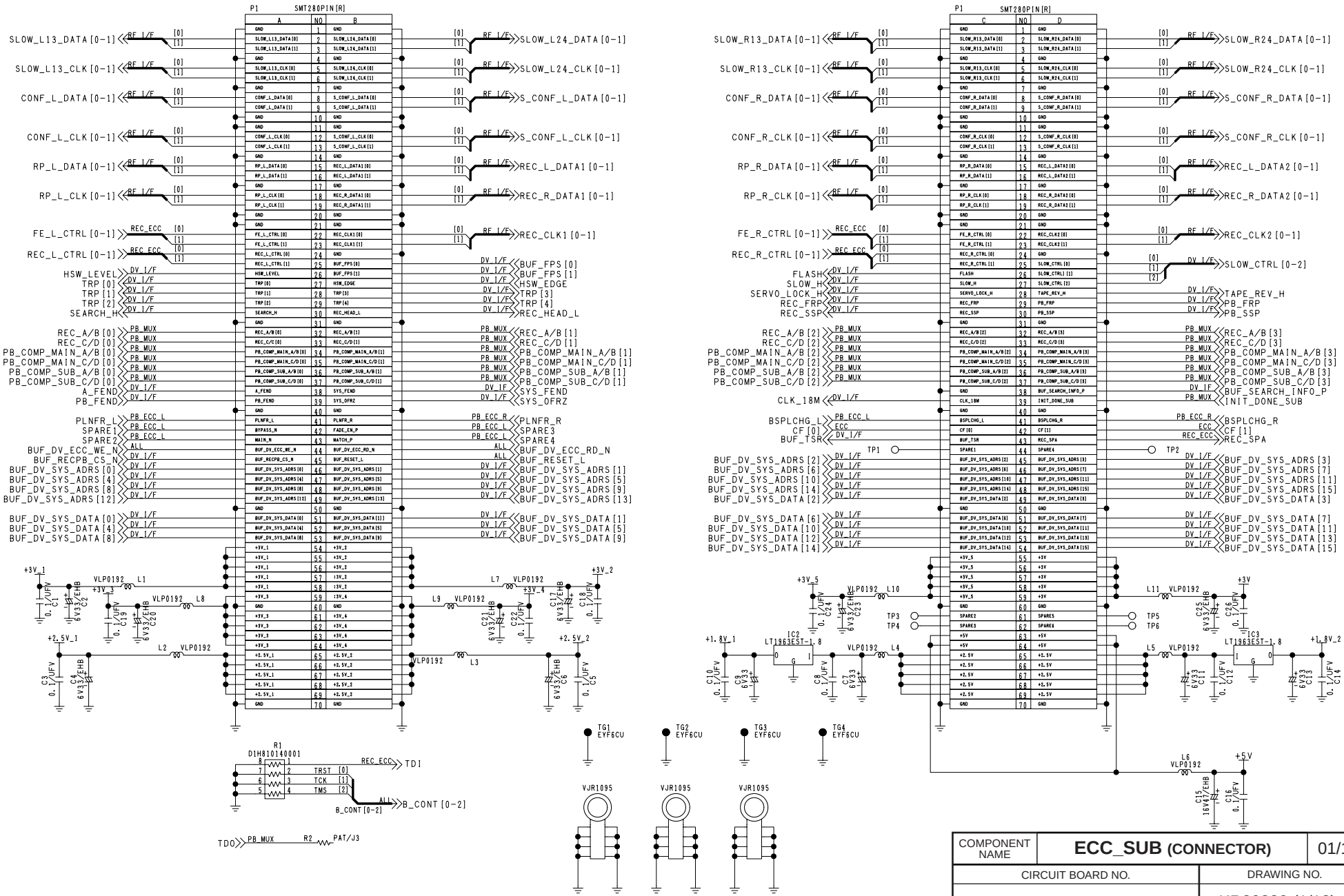


NOT SPECFIED :50Ω LINE
PAT=PATTERN ONLY
Ref No. **** Series.

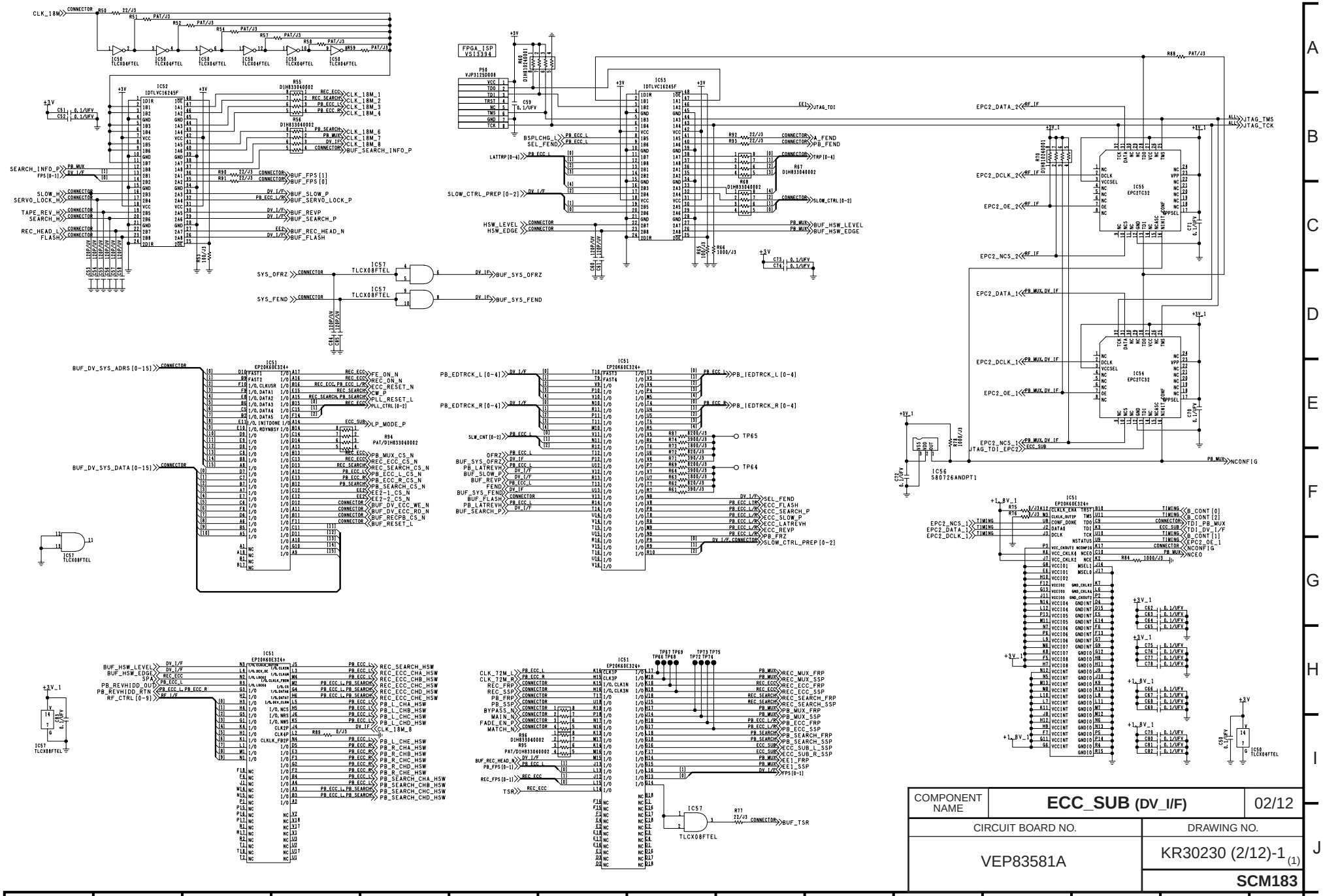
COMPONENT NAME	SDI TX (ENC)	01/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP83460B		KR3X20 (1/2) (1)
		SCM180



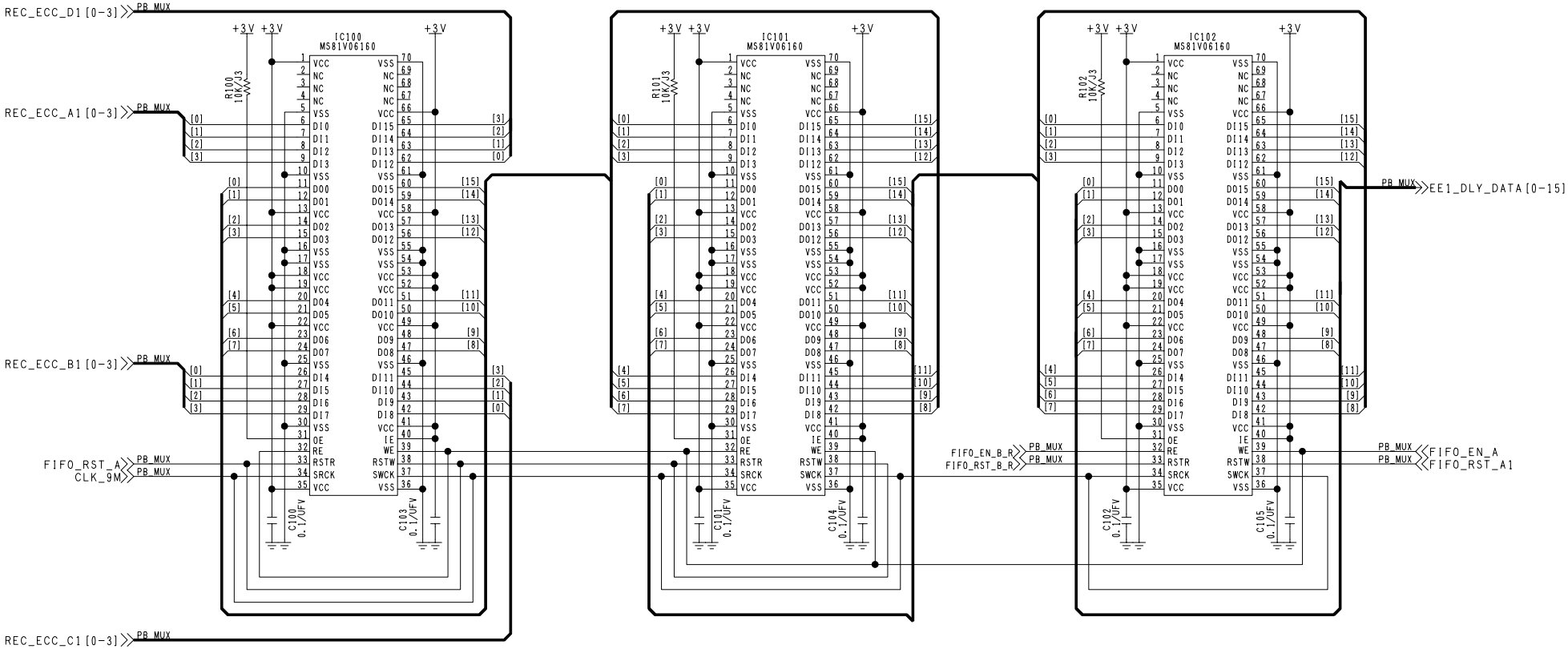
COMPONENT NAME	**SDI TX (P/S, DRV)**	02/02
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83460B	KR3X20 (2/2) (1)	
	SCM181	



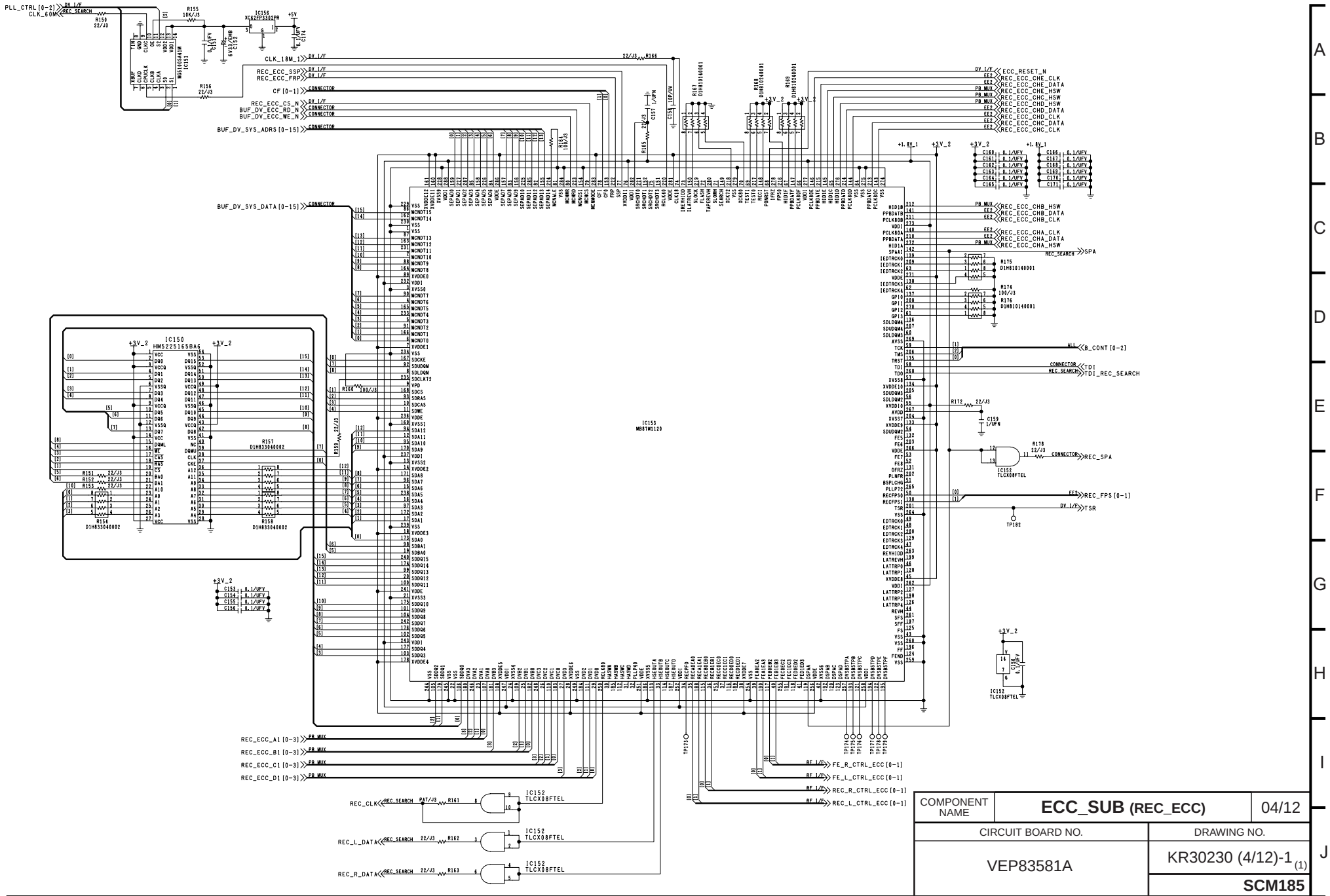
COMPONENT NAME	**ECC_SUB (CONNECTOR)**	01/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (1/12)-1 (1)	
	SCM182	



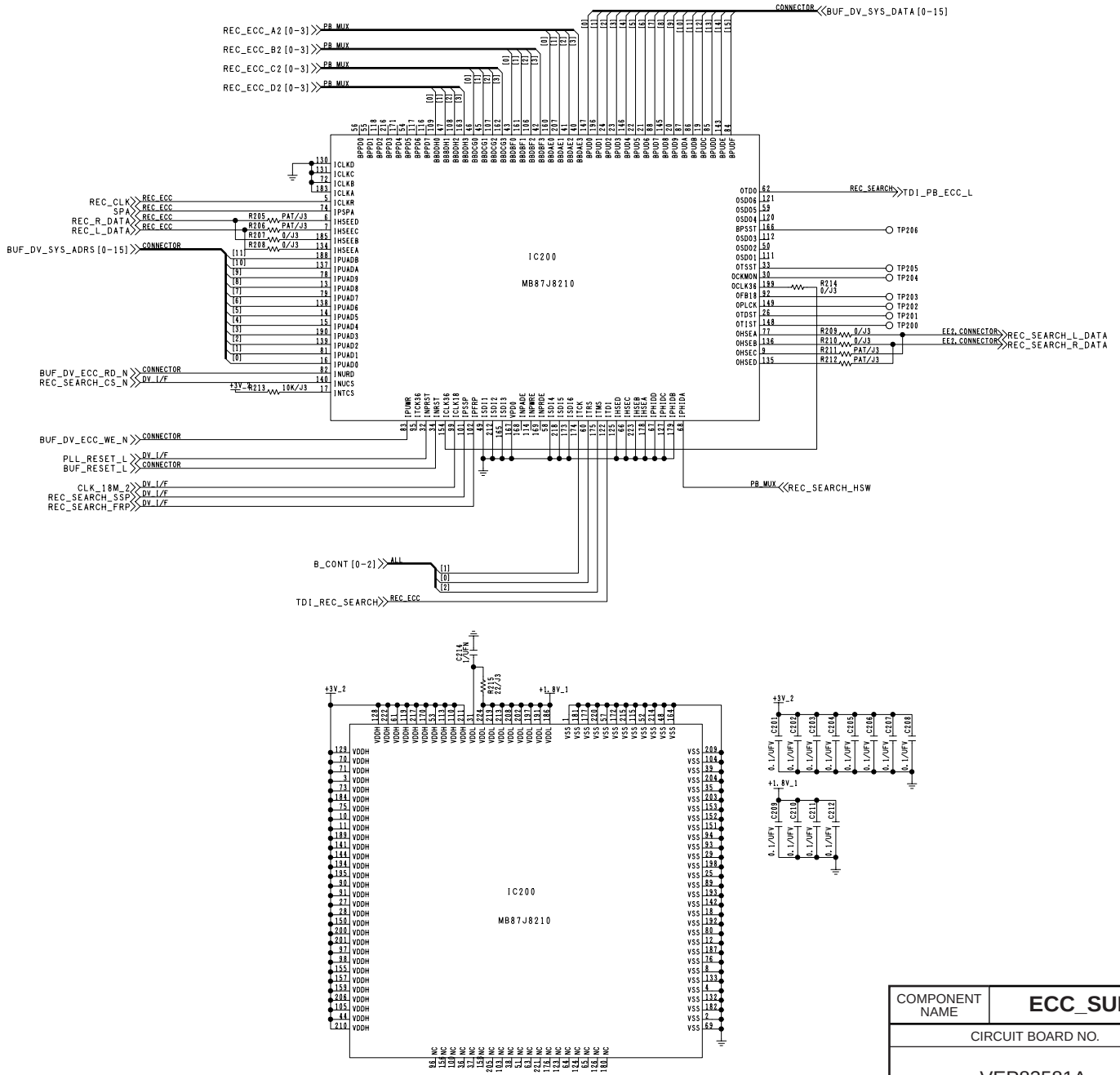
COMPONENT NAME	**ECC_SUB (DV_I/F)**	02/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (2/12)-1 (1)	
	SCM183	



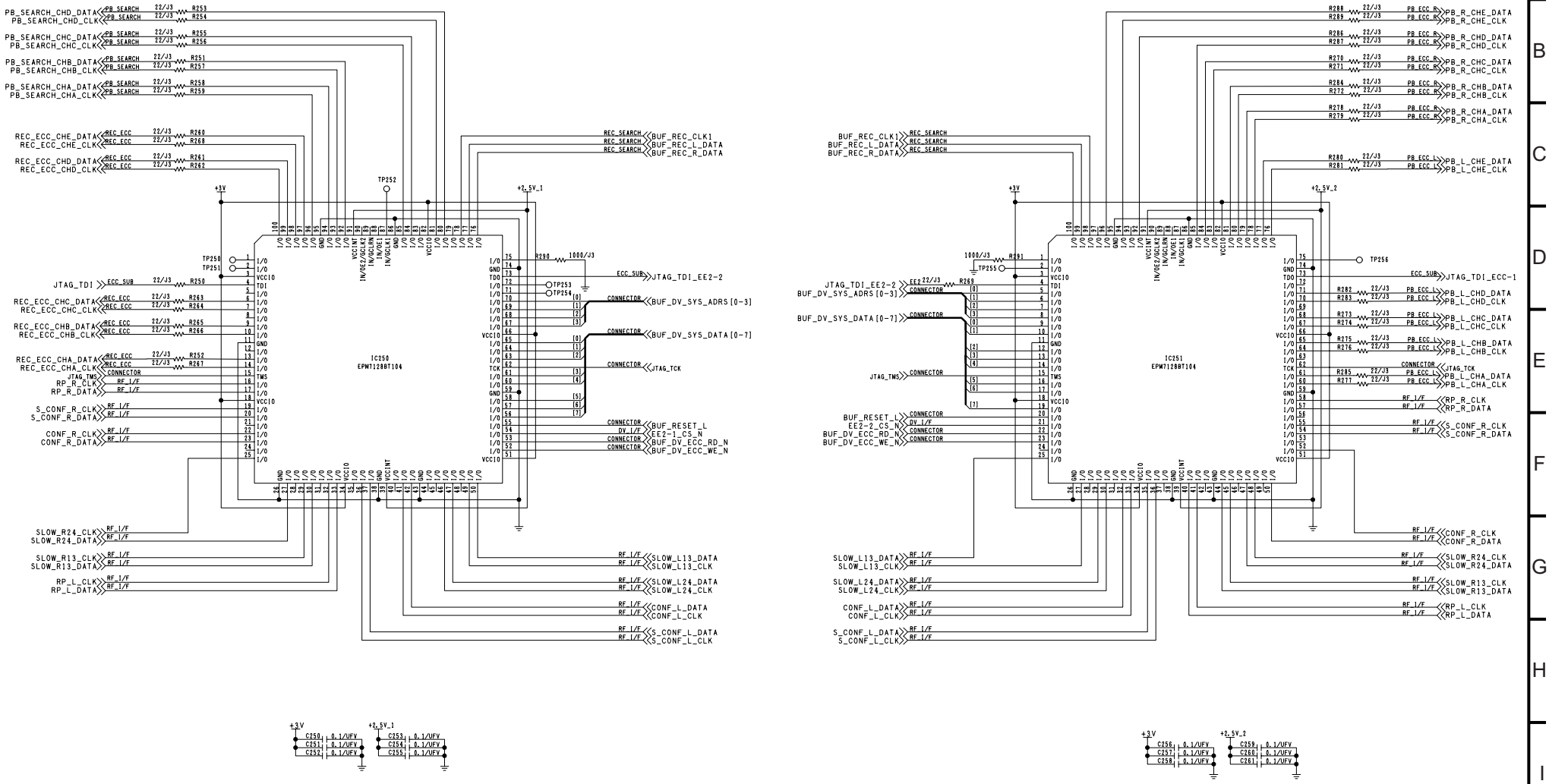
COMPONENT NAME	**ECC_SUB (EE1)**	03/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (3/12)-1 (1)	
	SCM184	



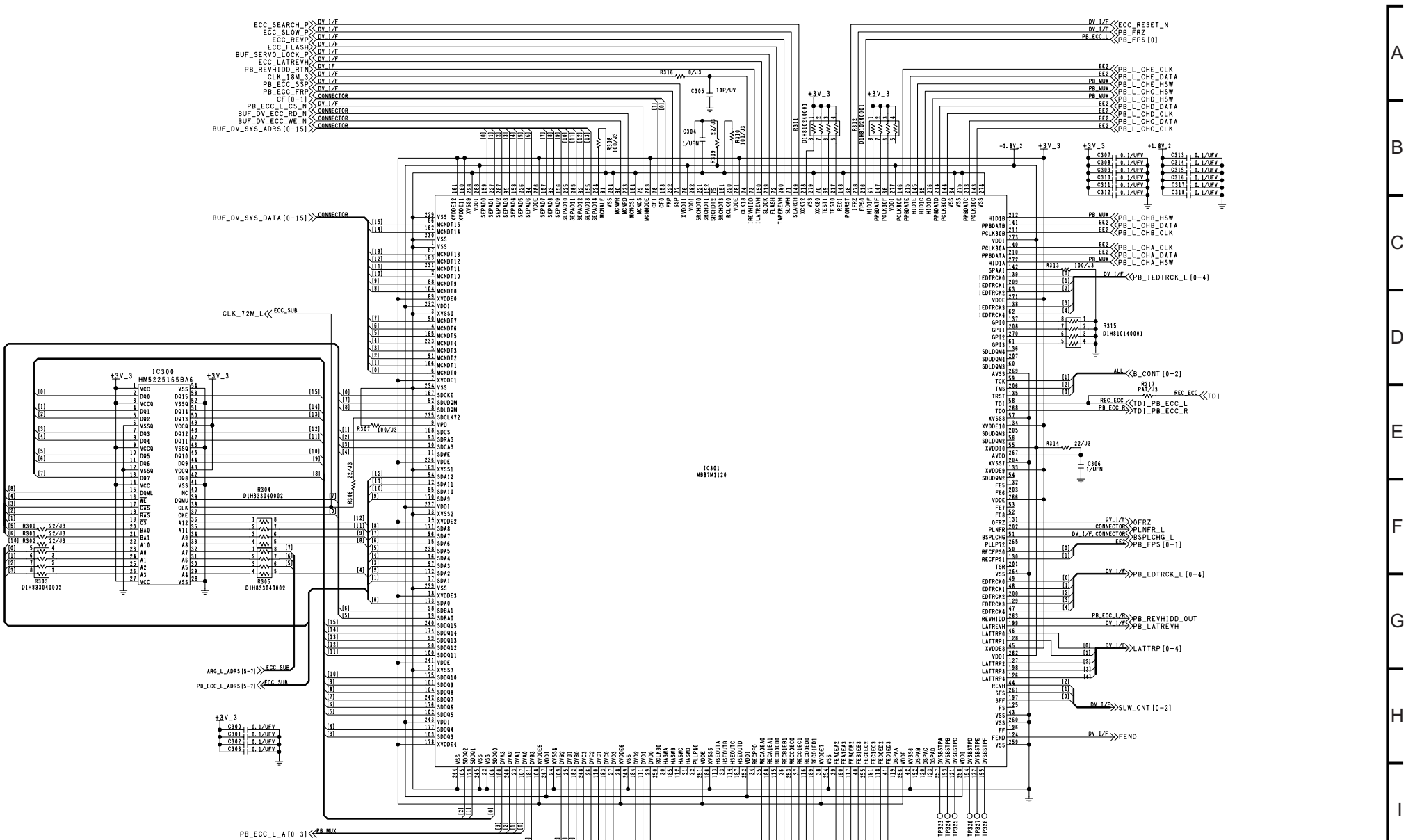
COMPONENT NAME	**ECC_SUB (REC_ECC)**	04/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (4/12)-1 (1)	
	SCM185	



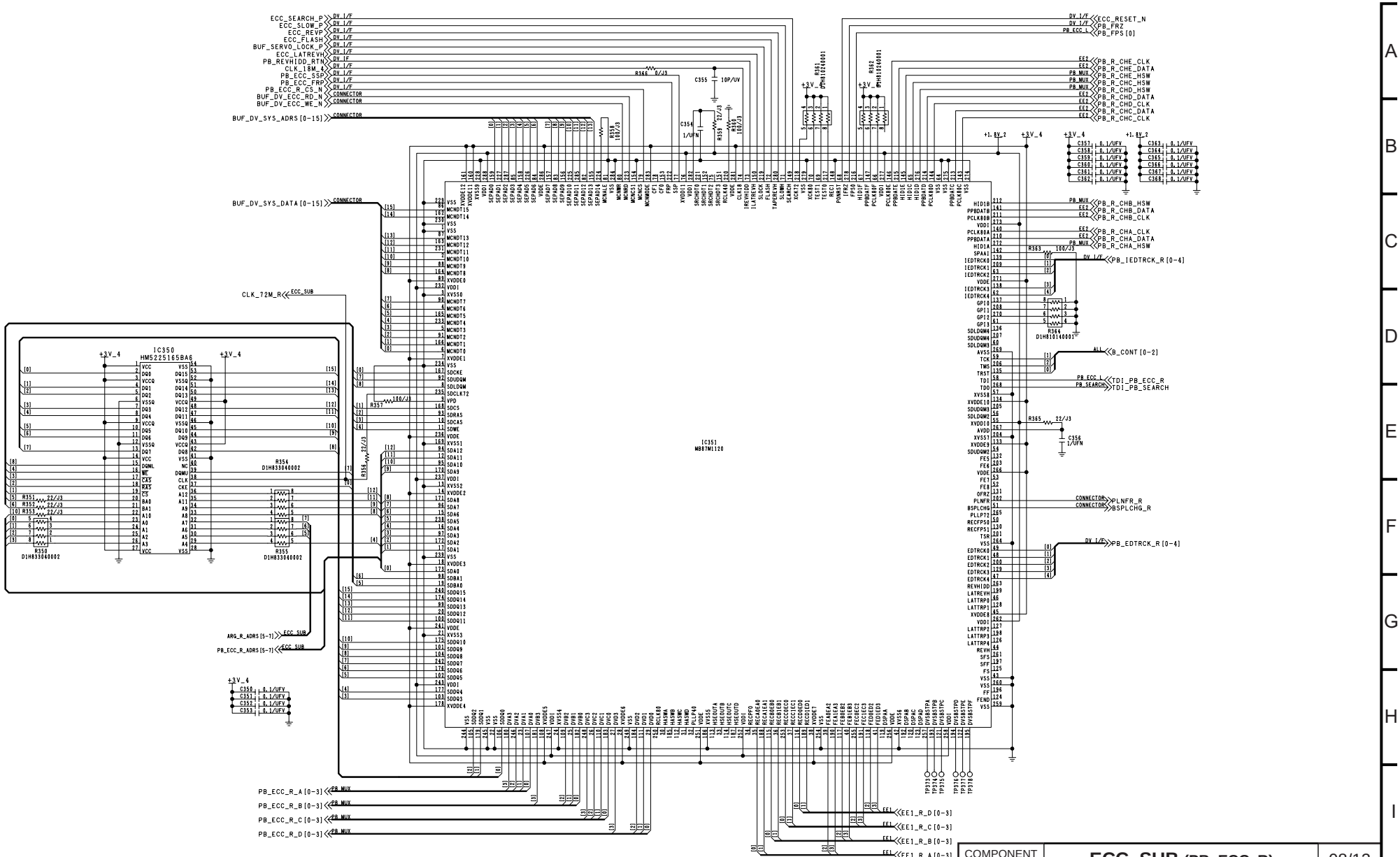
COMPONENT NAME	**ECC_SUB (REC_SEARCH)**	05/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (5/12)-1 (1)	
	SCM186	



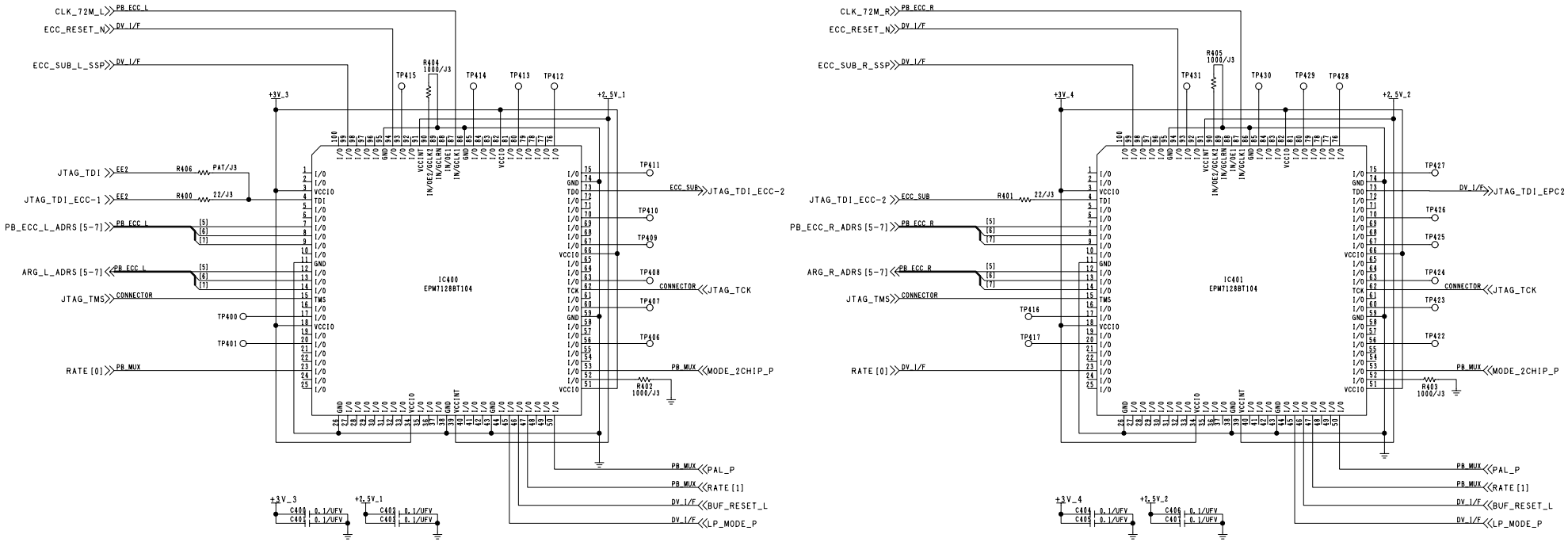
COMPONENT NAME	**ECC_SUB (EE2)**	06/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (6/12)-1 (1)	
	SCM187	



COMPONENT NAME	**ECC_SUB (PB_ECC_L)**	07/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (7/12)-1 (1)	
	SCM188	



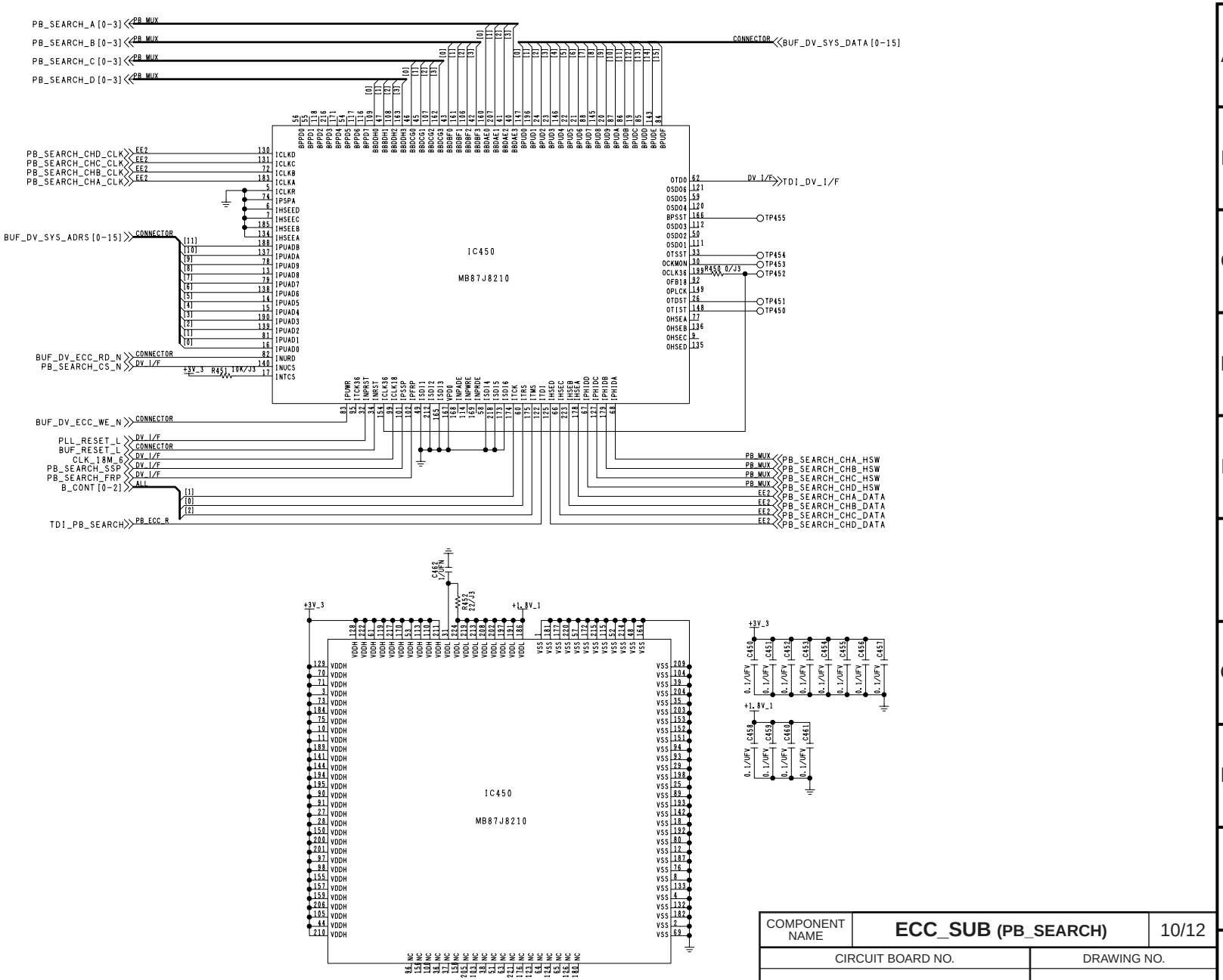
COMPONENT NAME	**ECC_SUB (PB_ECC_R)**	08/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (8/12)-1 (1)	
	SCM189	



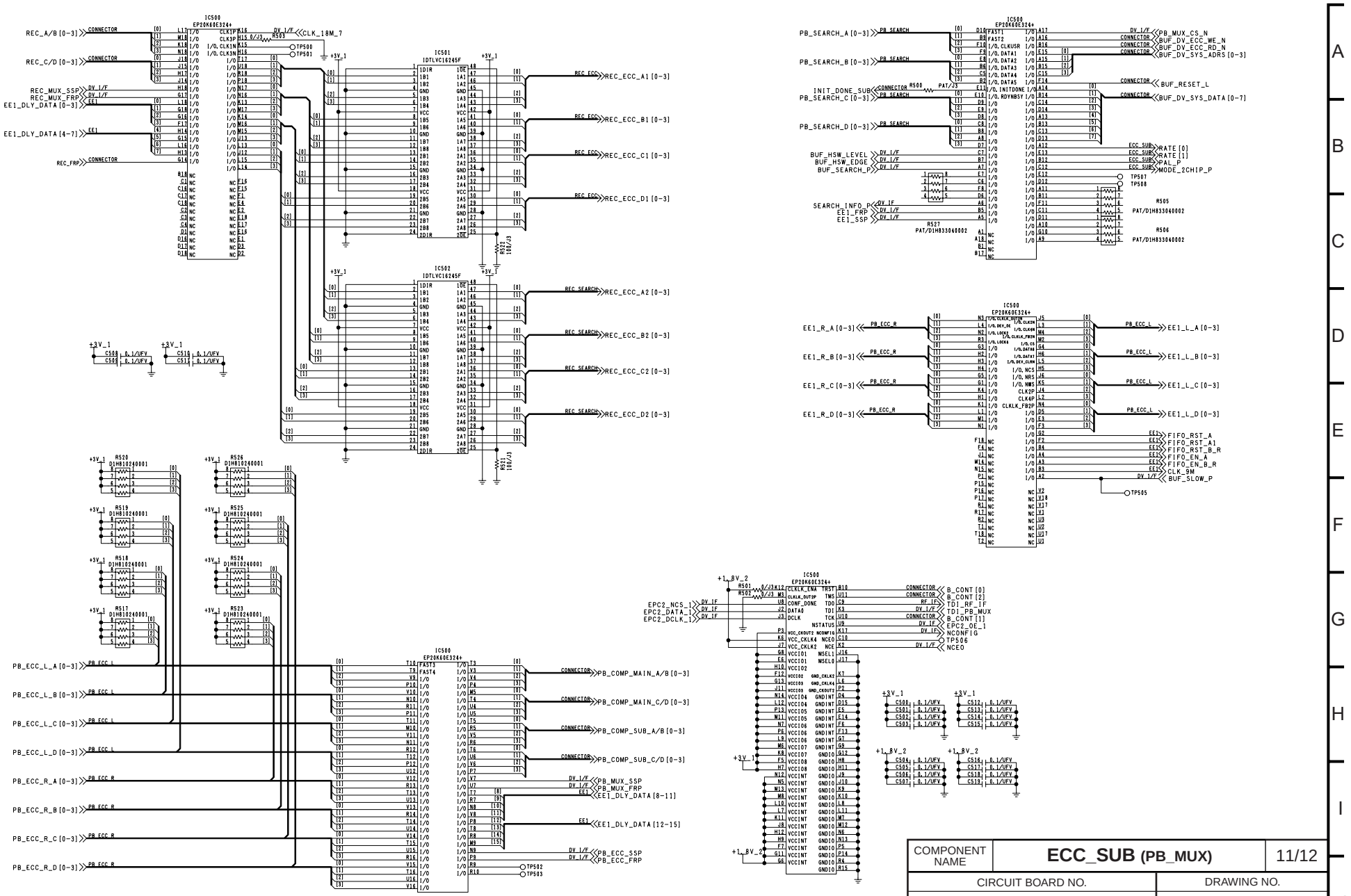
COMPONENT NAME	**ECC_SUB**	09/12
CIRCUIT BOARD NO.		DRAWING NO.
VEP83581A		KR30230 (9/12)-1 (1)
		SCM190

A B C D E F G H I J

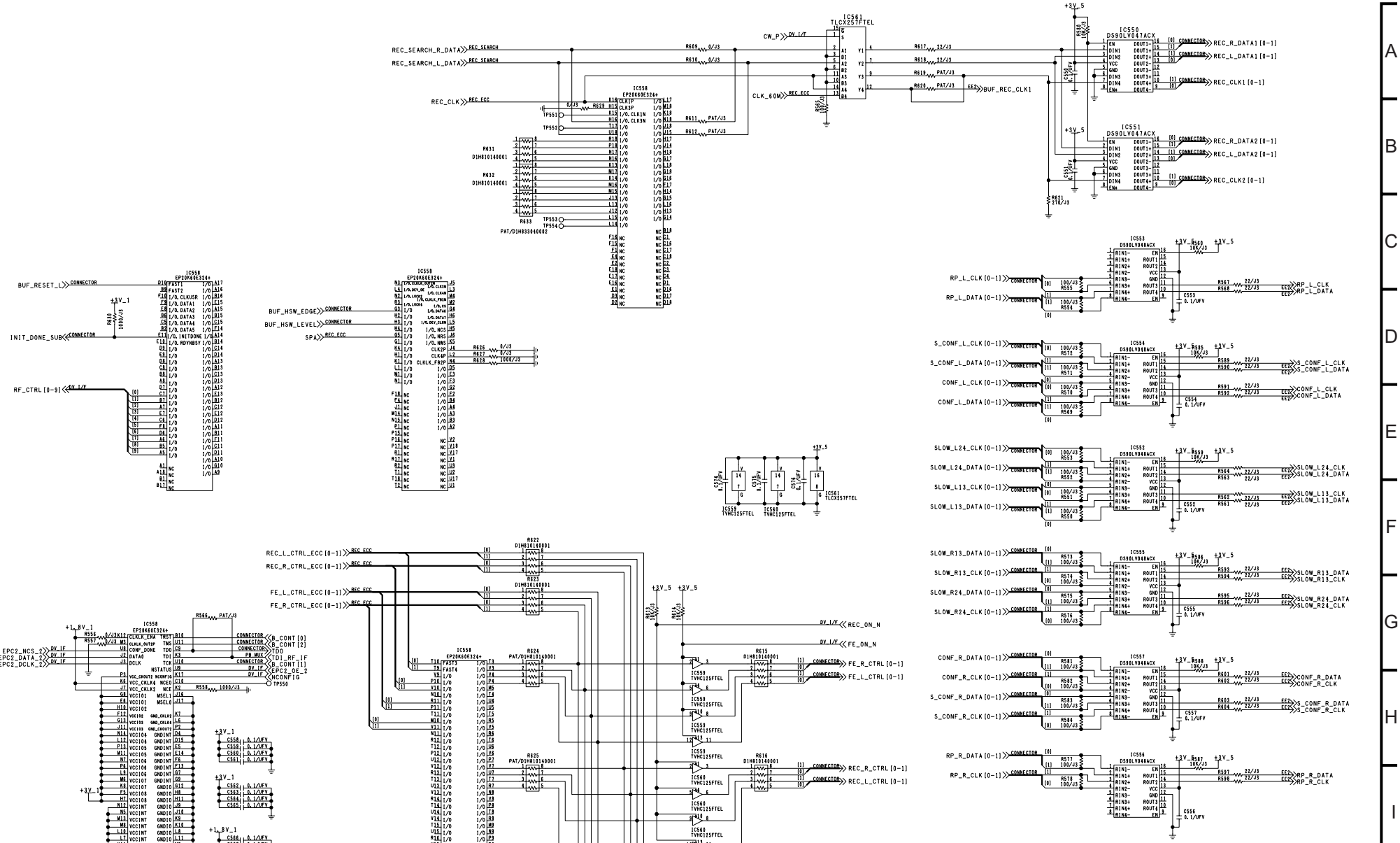
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



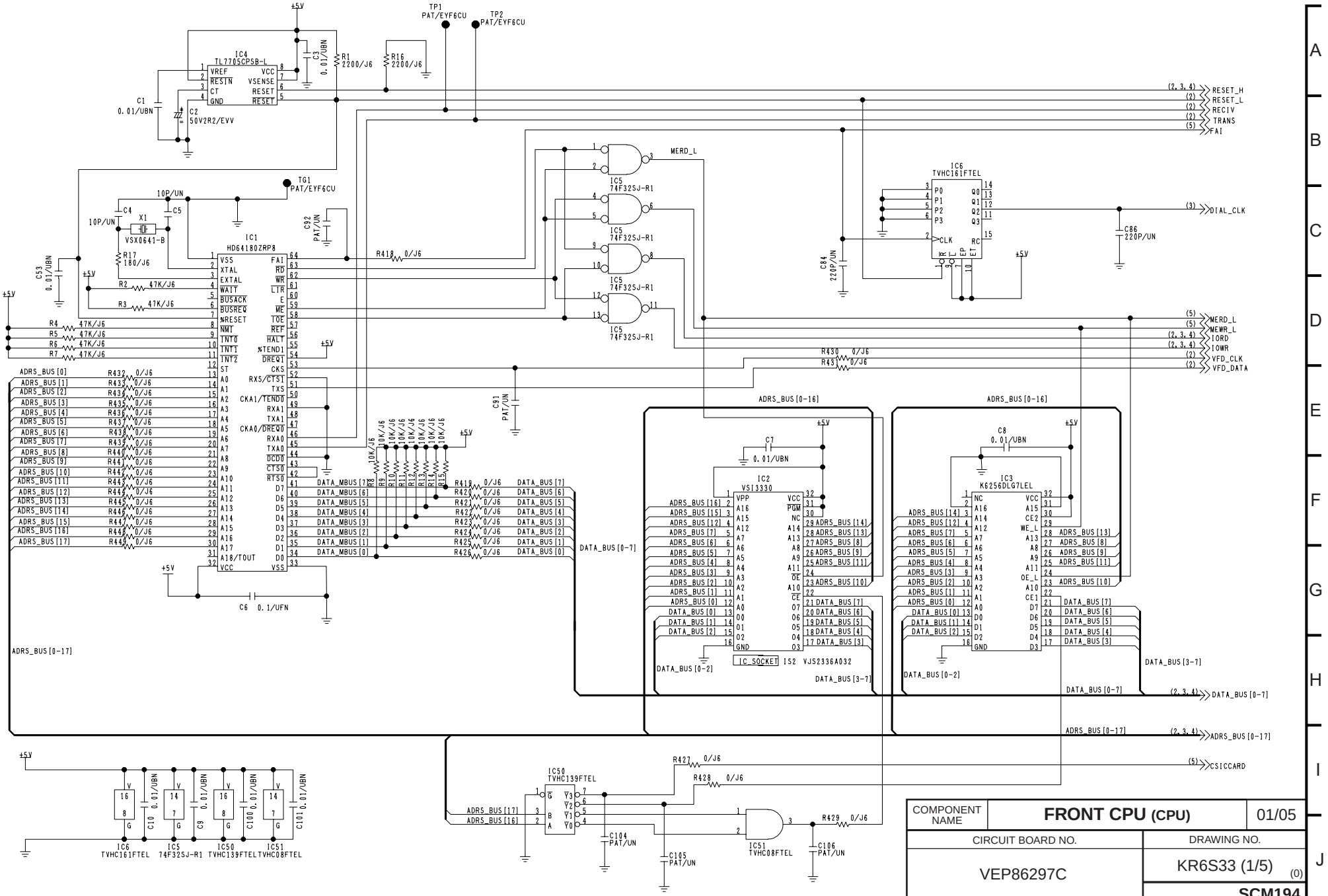
COMPONENT NAME	**ECC_SUB (PB_SEARCH)**	10/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (10/12)-1(1)	
	SCM191	



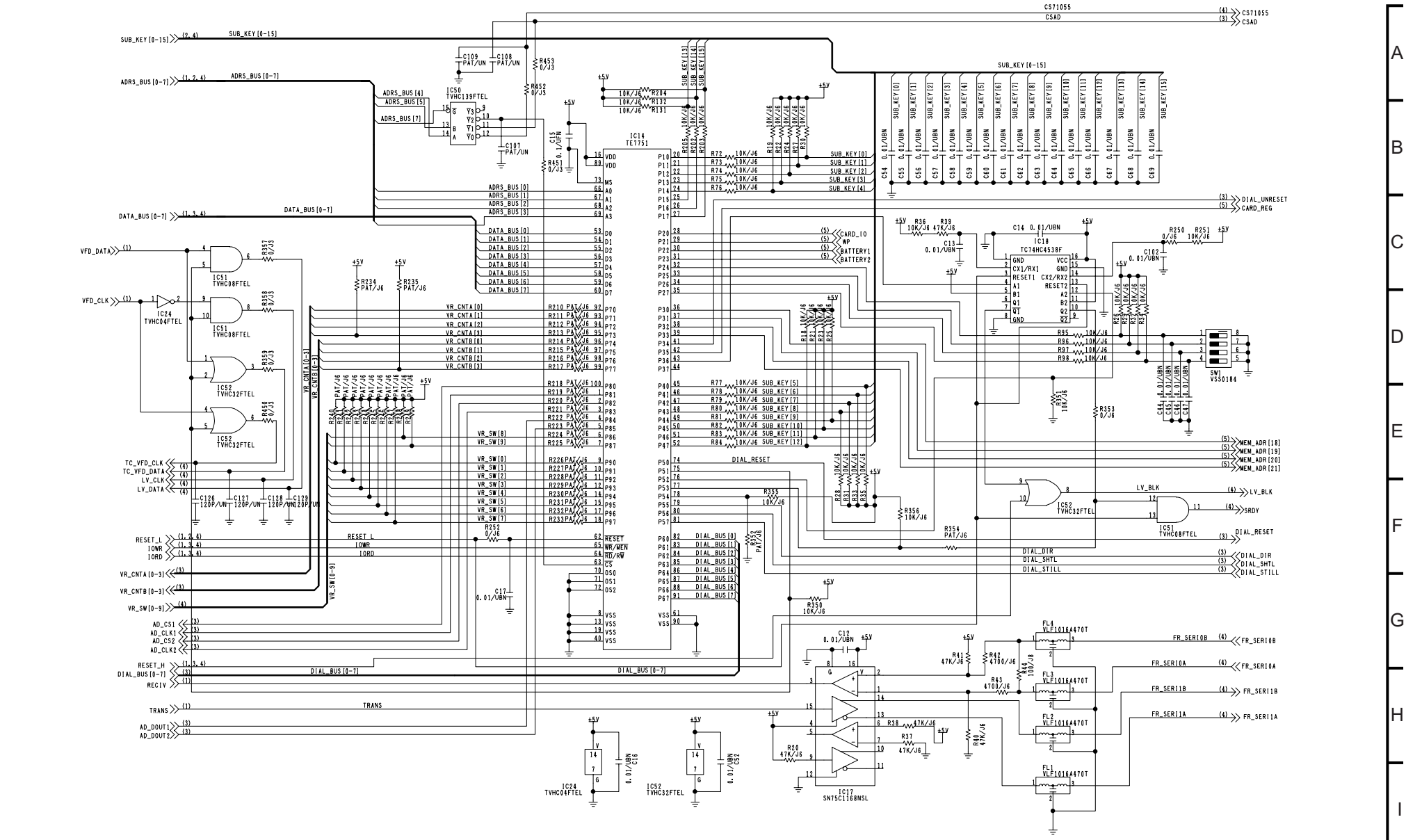
COMPONENT NAME	**ECC_SUB (PB_MUX)**	11/12
CIRCUIT BOARD NO.		DRAWING NO.
VEP83581A		KR30230 (11/12)-1(1)
		SCM192



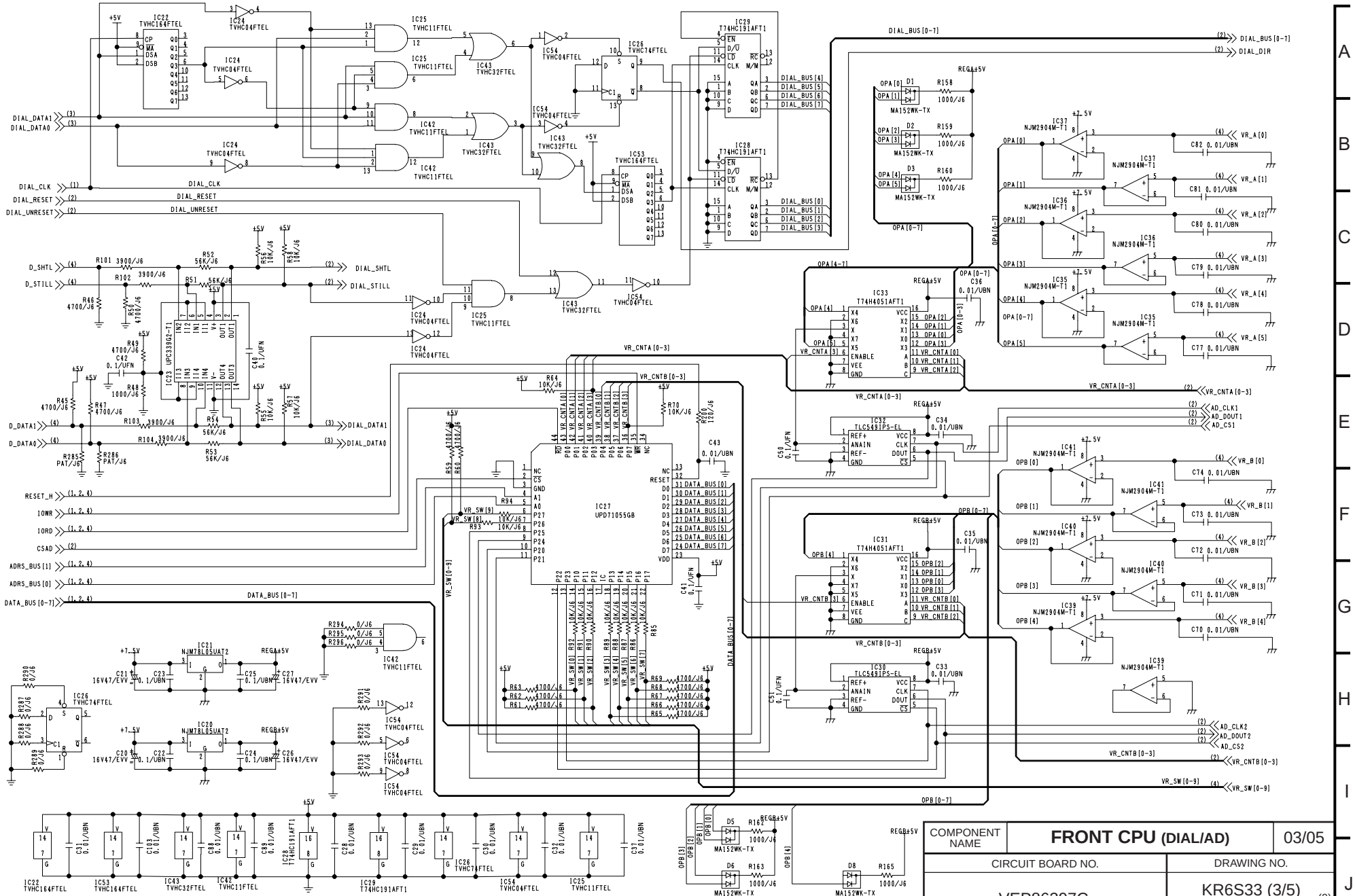
COMPONENT NAME	**ECC_SUB (RF_I/F)**	12/12
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83581A	KR30230 (12/12)-1(1)	
	SCM193	



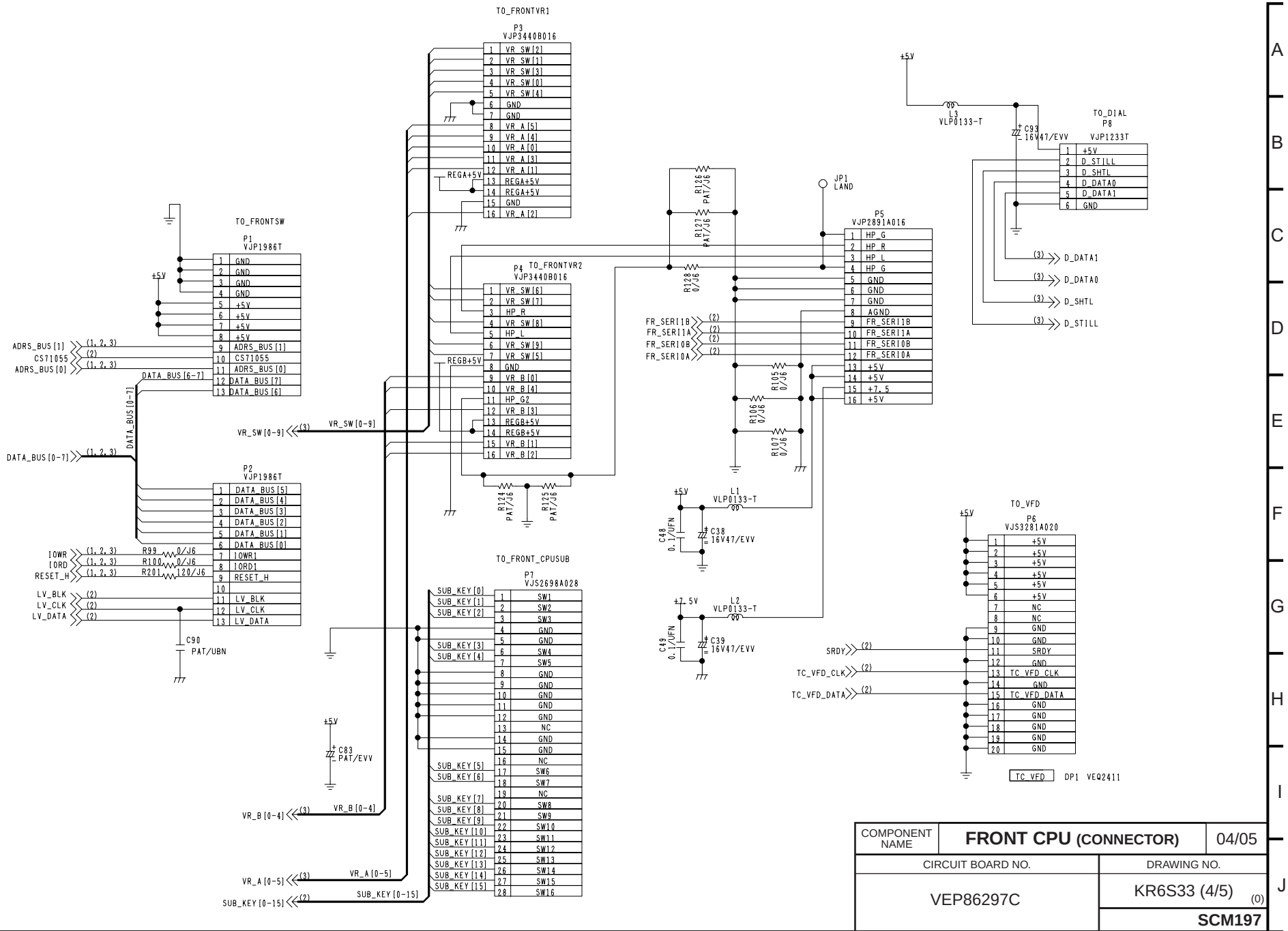
COMPONENT NAME	FRONT CPU (CPU)	01/05
CIRCUIT BOARD NO.		DRAWING NO.
VEP86297C		KR6S33 (1/5) (0)
		SCM194



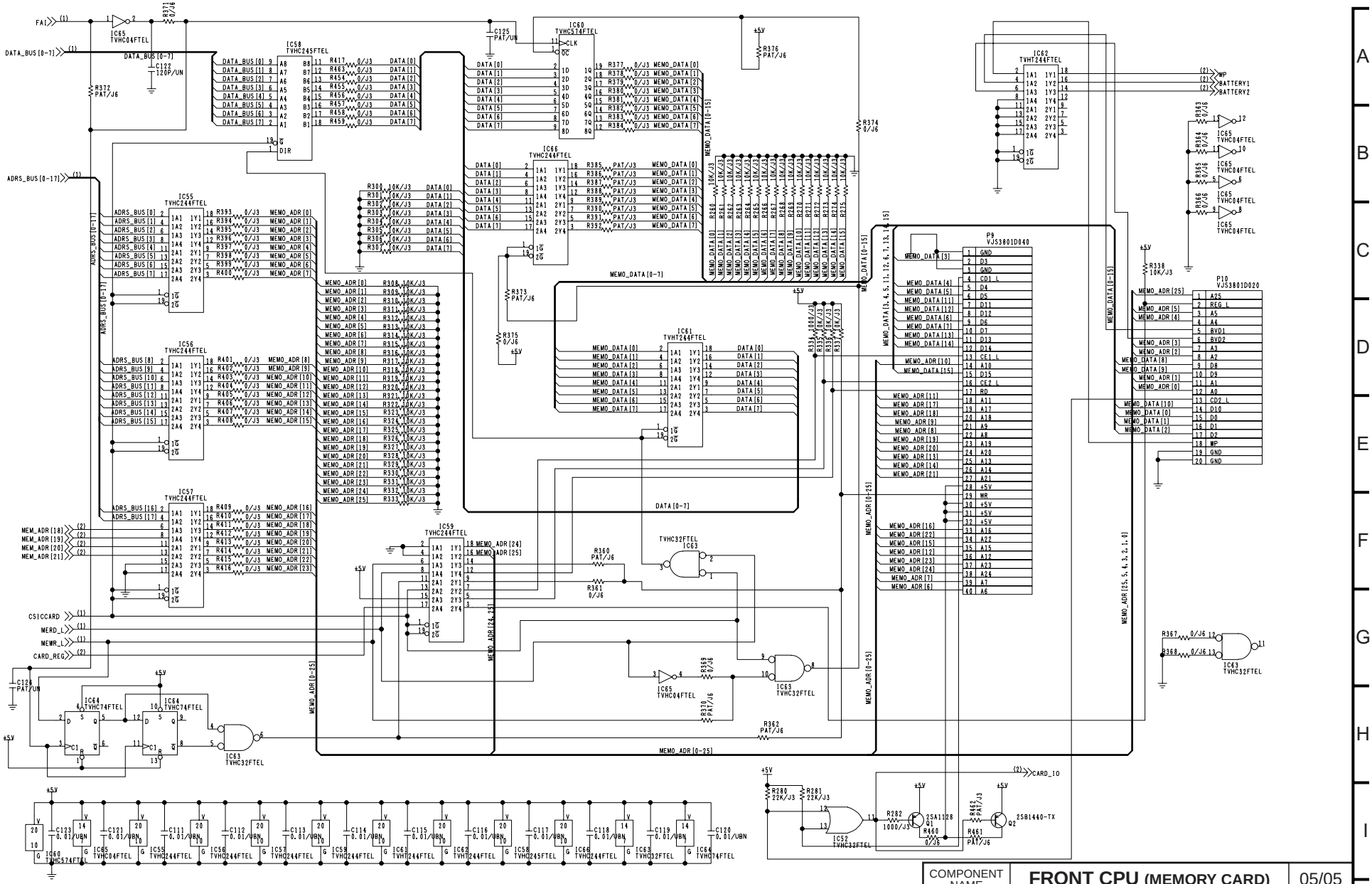
COMPONENT NAME	FRONT CPU (PIO)	02/05
CIRCUIT BOARD NO.		DRAWING NO.
VEP86297C		KR6S33 (2/5) (0)
		SCM195



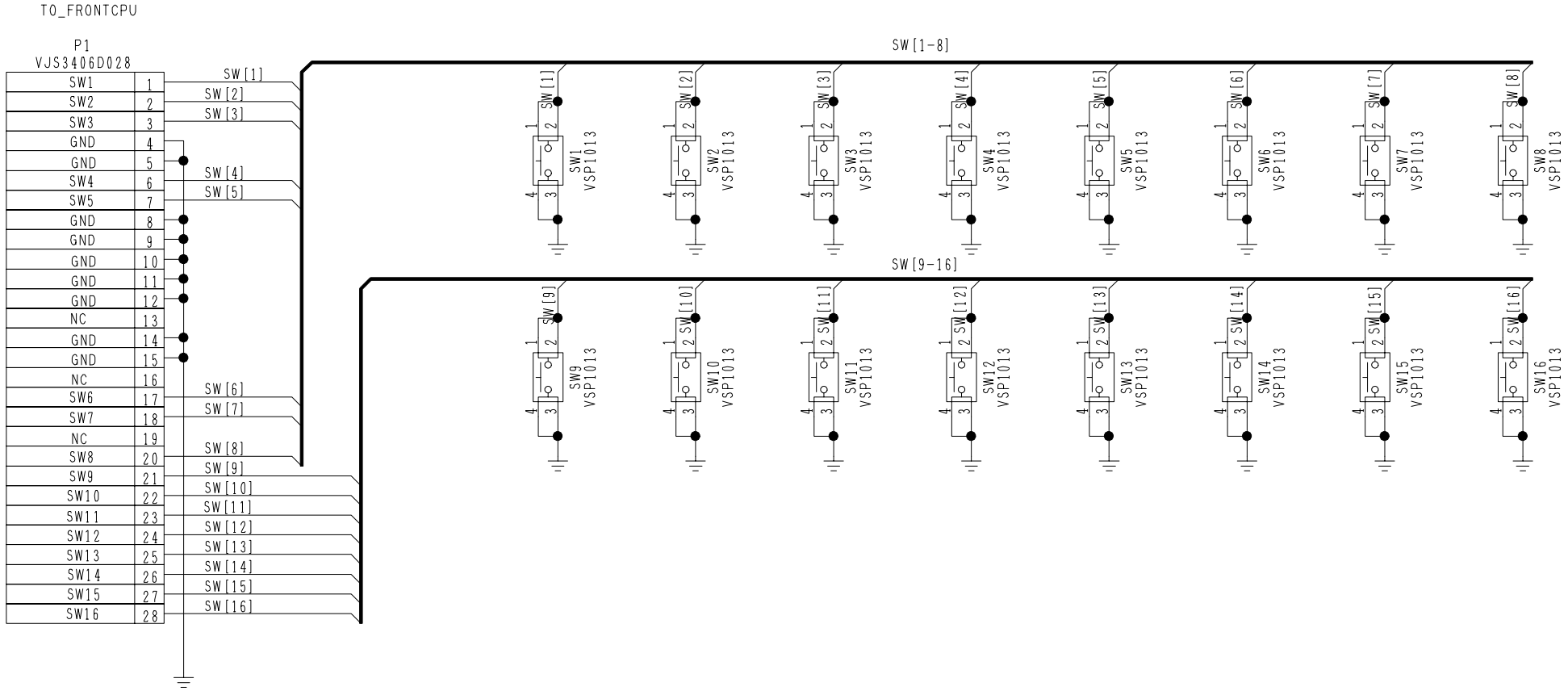
COMPONENT NAME	**FRONT CPU (DIAL/AD)**	03/05
CIRCUIT BOARD NO.		DRAWING NO.
VEP86297C		KR6S33 (3/5) (0)
		SCM196



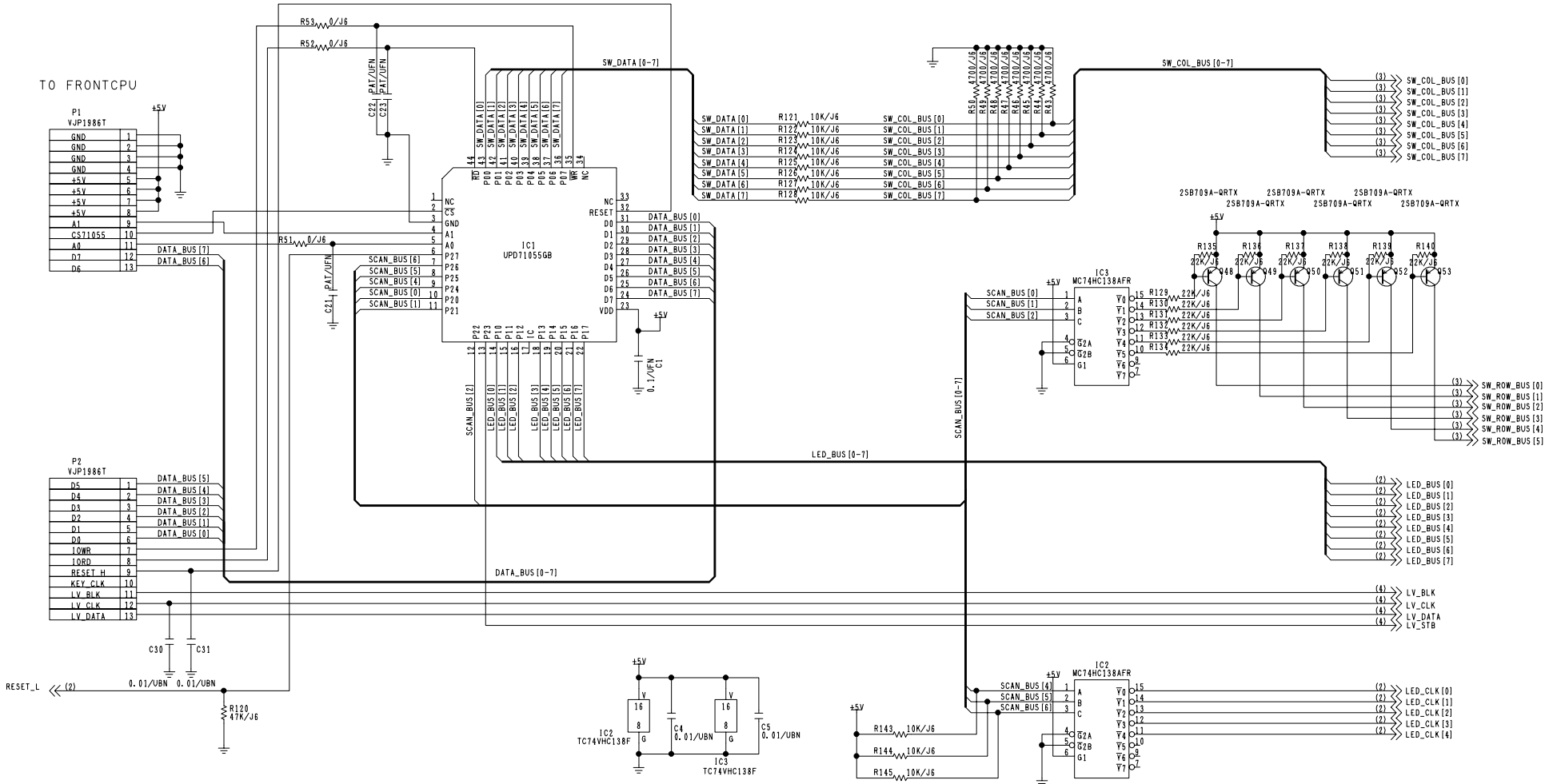
COMPONENT NAME	**FRONT CPU (CONNECTOR)**	04/05
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86297C	KR6S33 (4/5) (0)	
	SCM197	



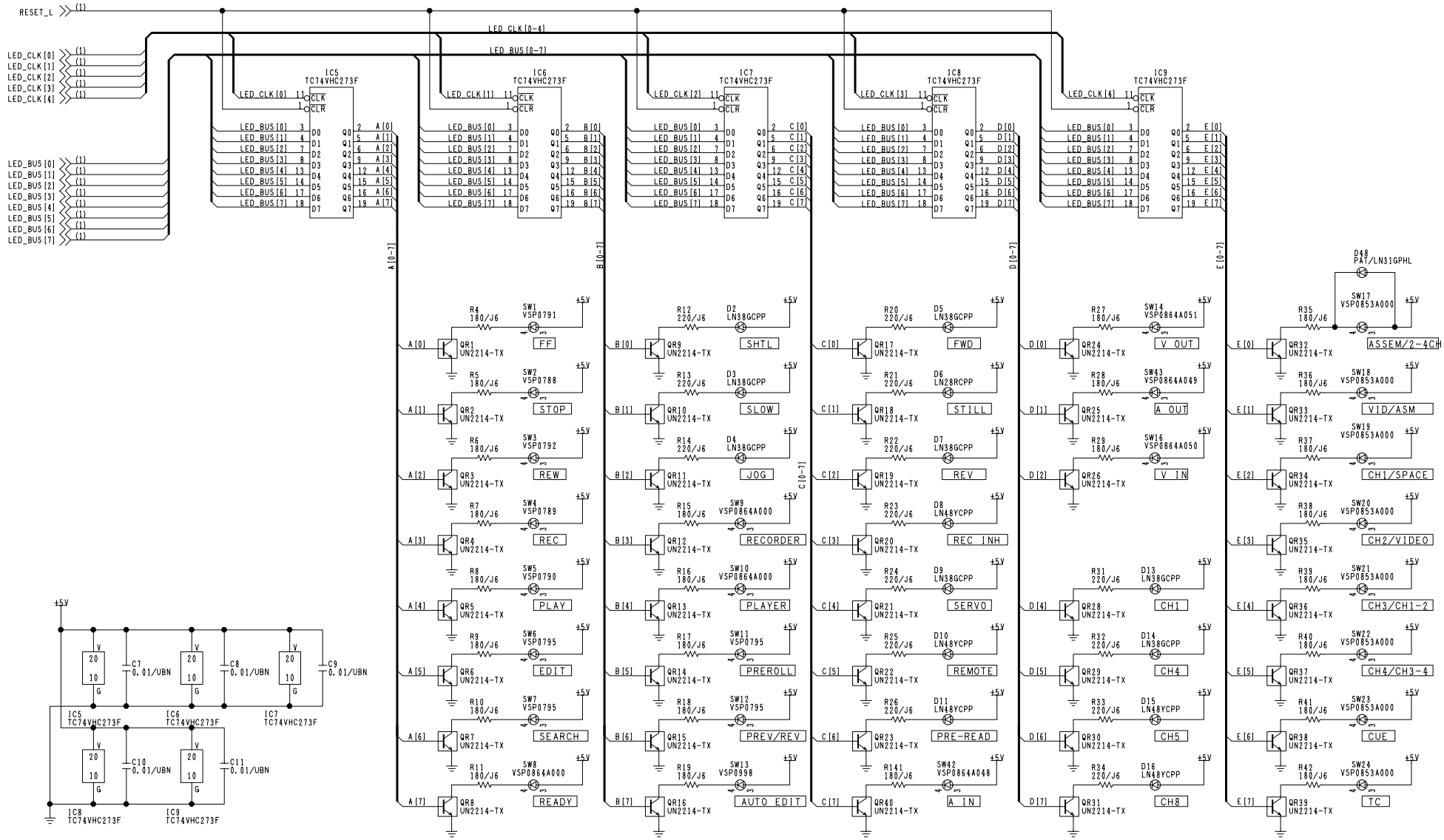
COMPONENT NAME	**FRONT CPU (MEMORY CARD)**	05/05
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86297C	KR6S33 (5/5) (0)	
	SCM198	



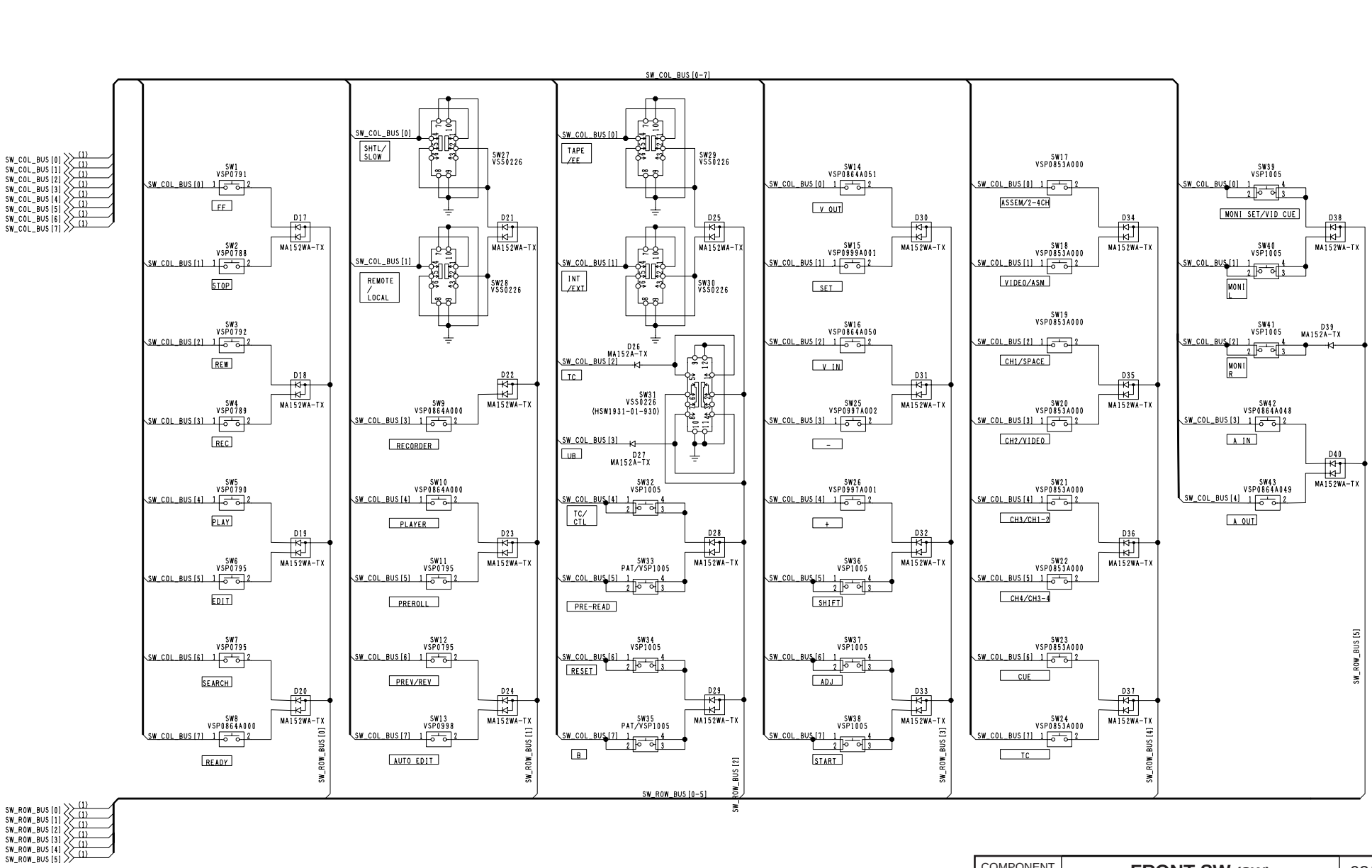
COMPONENT NAME	FRONT CPU SUB	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP86298A		KR6S34 (1/1) (0)
		SCM199



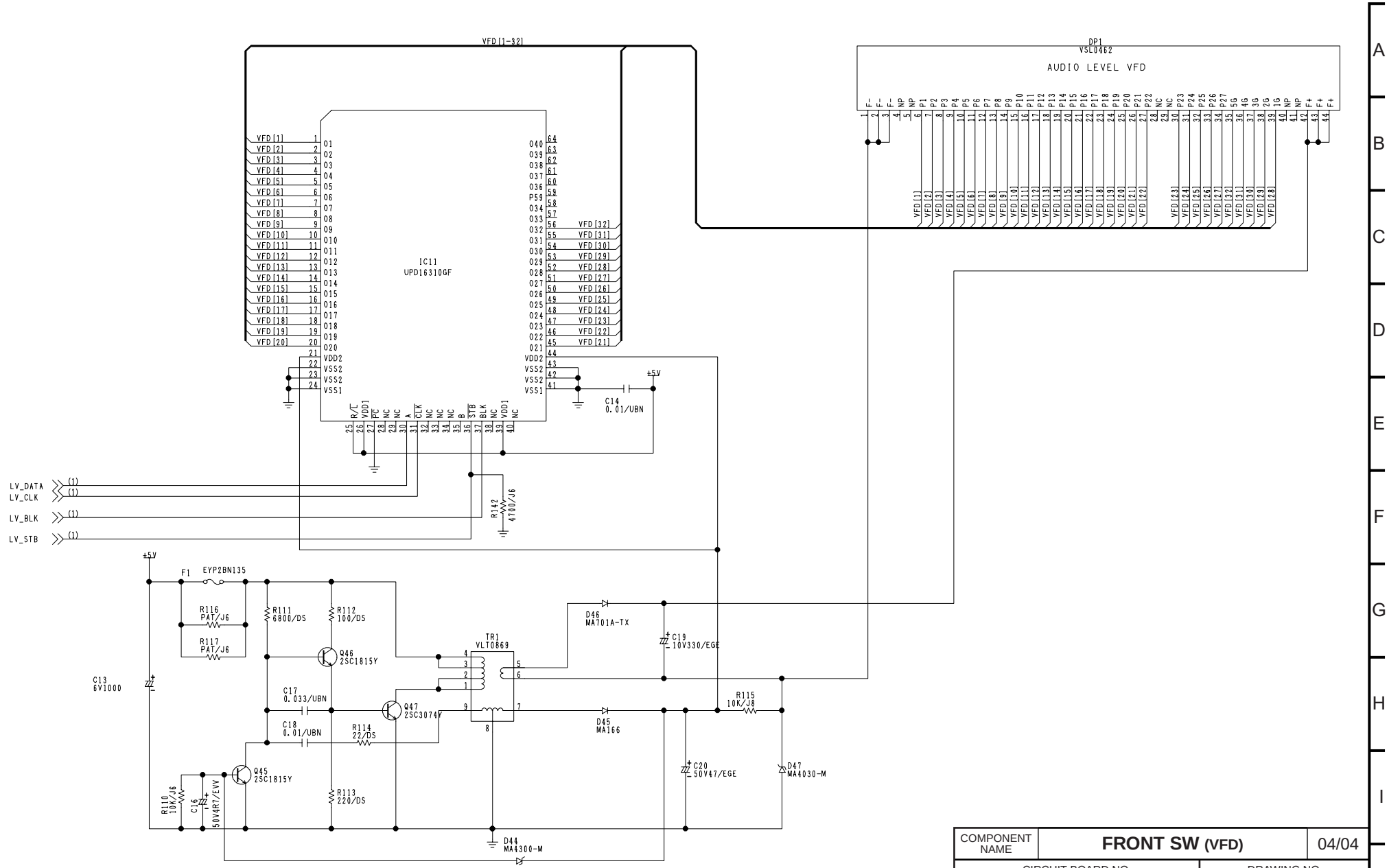
COMPONENT NAME	**FRONT SW (CONTROL)**	01/04
CIRCUIT BOARD NO.	DRAWING NO.	
VEP80B44C	KR0N39 (1/4) (0)	
	SCM200	



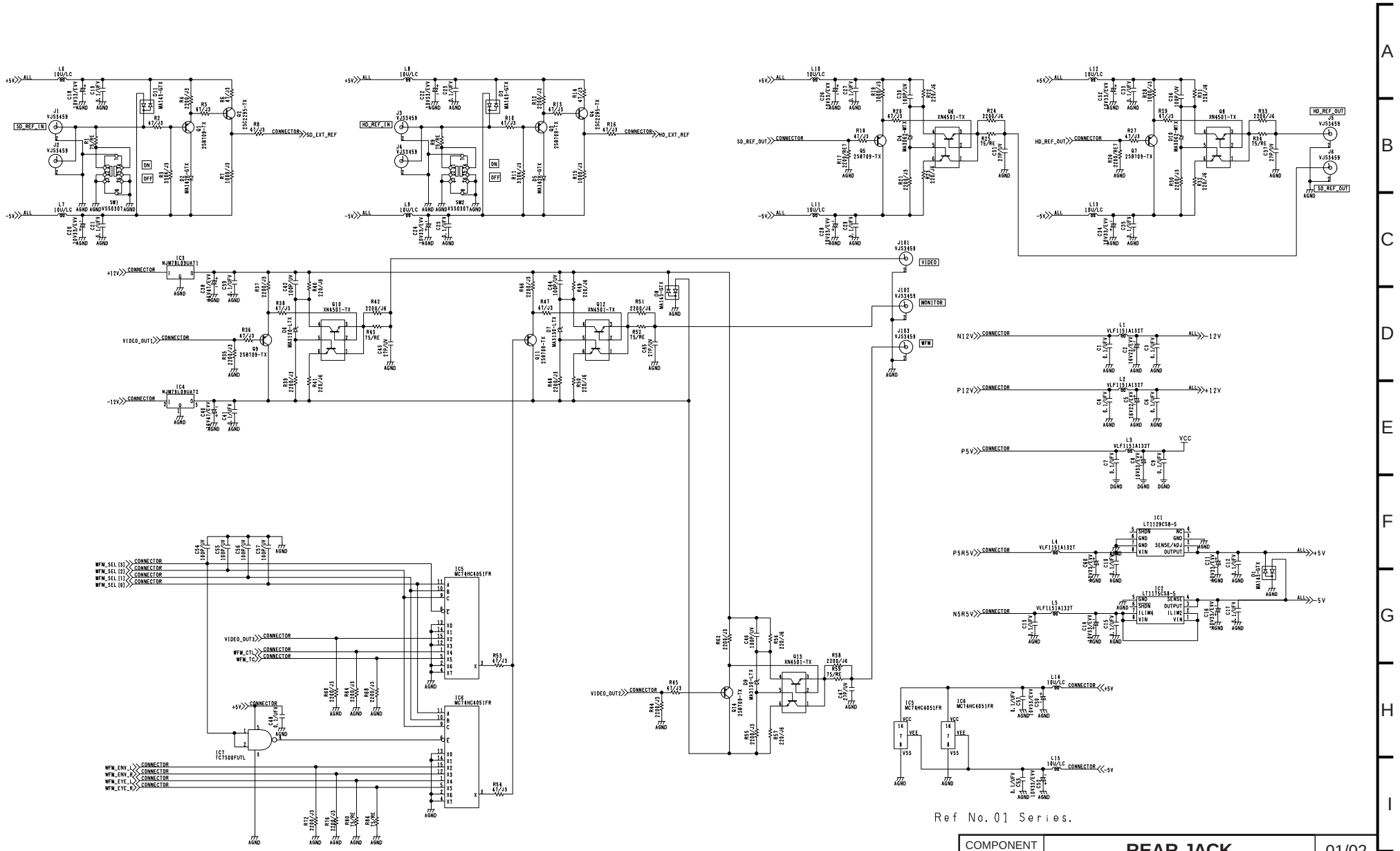
COMPONENT NAME	FRONT SW (LED)	02/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP80B44C		KR0N39 (2/4) (0)
		SCM201



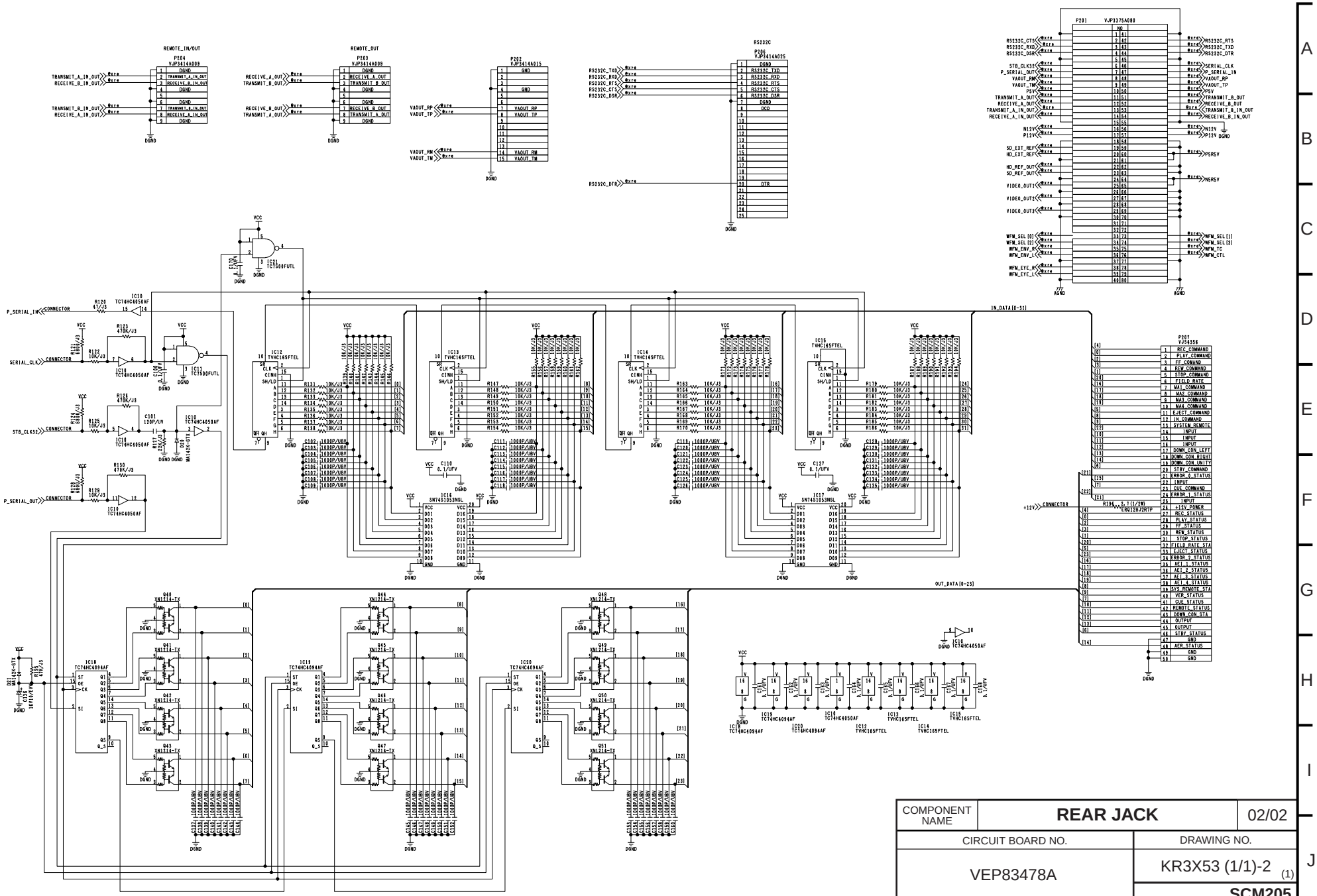
COMPONENT NAME	FRONT SW (SW)	03/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP80B44C		KR0N39 (3/4) (0)
		SCM202



COMPONENT NAME	FRONT SW (VFD)	04/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP80B44C		KR0N39 (4/4) (0)
		SCM203



COMPONENT NAME	**REAR JACK**	01/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP83478A		KR3X53 (1/2)-2 (1)
		SCM204

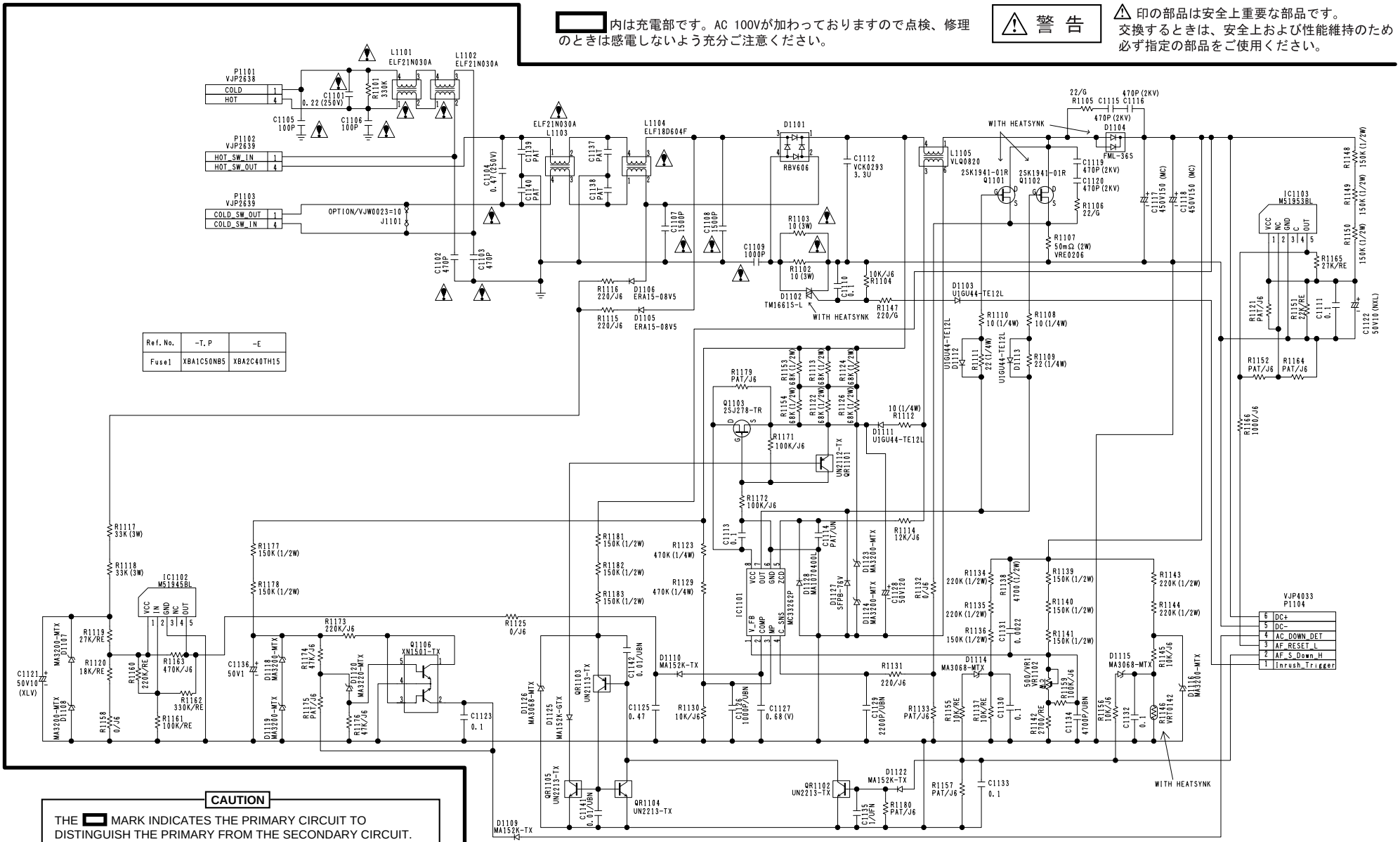


COMPONENT NAME	**REAR JACK**	02/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP83478A		KR3X53 (1/1)-2 (1)
		SCM205

内は充電部です。AC 100Vが加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。

⚠ 警 告

⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため必ず指定の部品をご使用ください。



Ref. No.	-T, P	-E
Fuse1	XBA1C50NB5	XBA2C40TH15

CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT. PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

COMPONENT NAME	POWER1	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP81200C		KR1D92 (1/1)-1 (0)
		SCM206

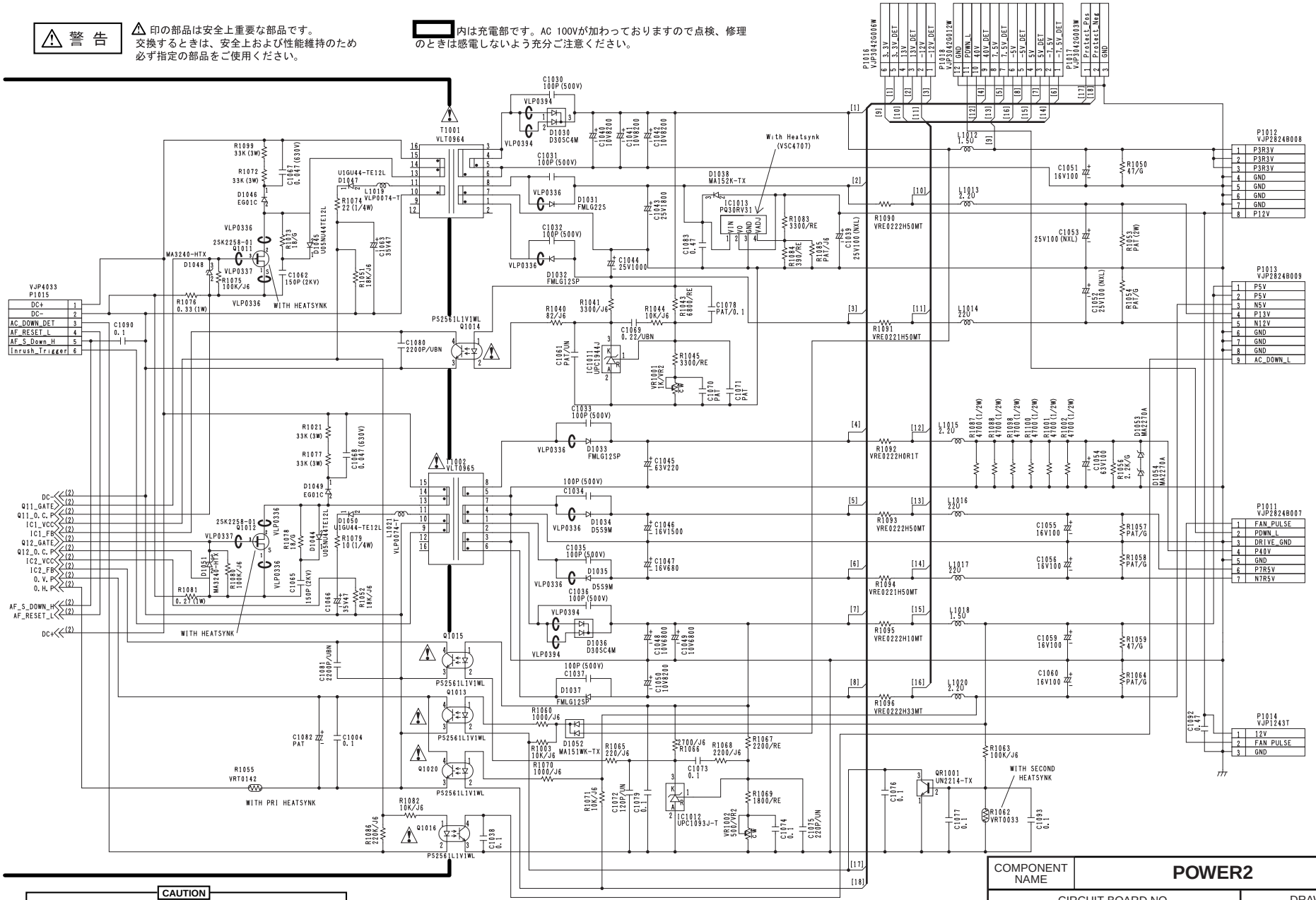
A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

⚠ 警 告

⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため
必ず指定の部品をご使用ください。

内は充電部です。AC 100Vが加わっておりますので点検、修理
のときは感電しないよう充分ご注意ください。



CAUTION

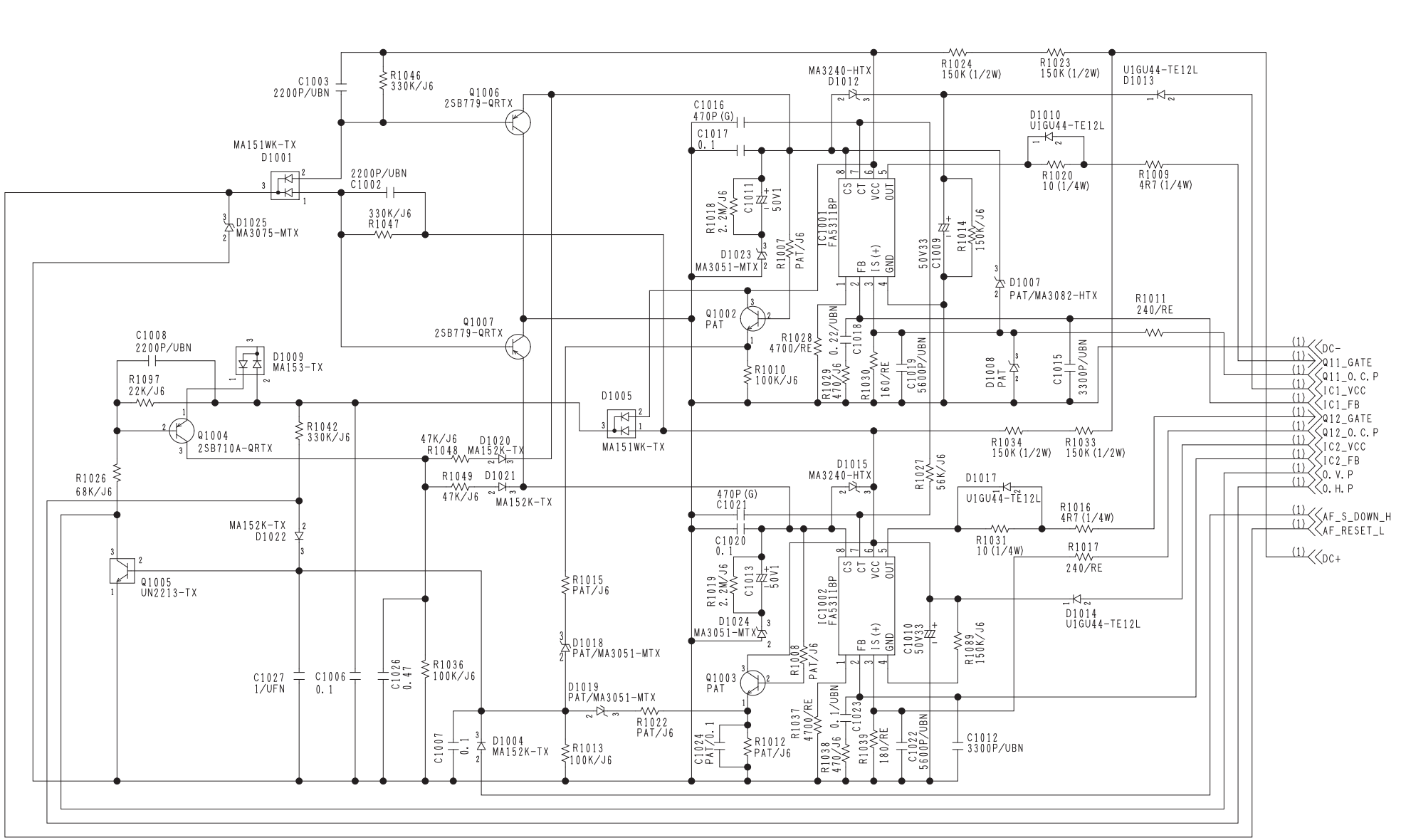
THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT. PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

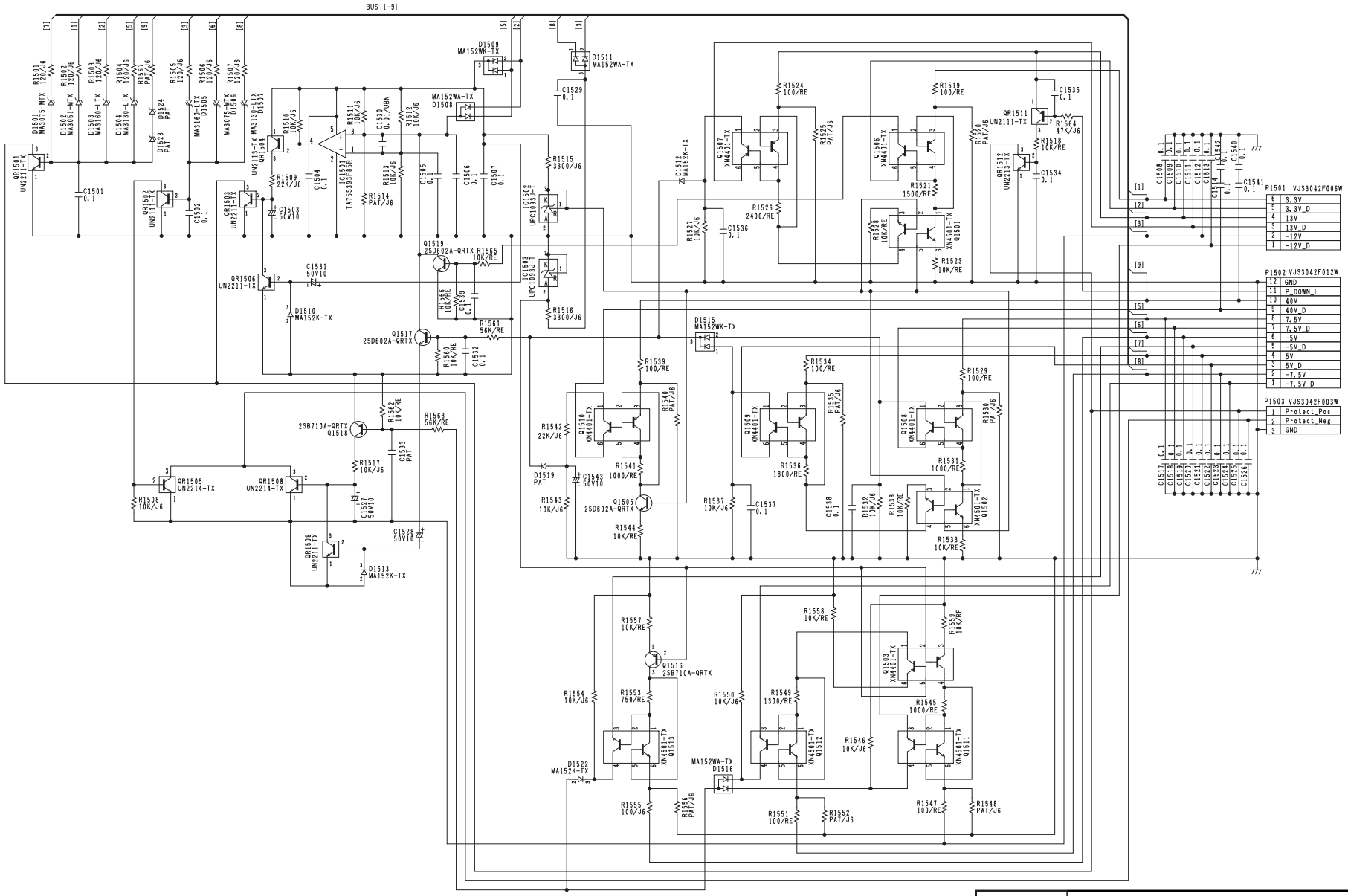
COMPONENT NAME	POWER2	01/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP81201B		KR1D93 (1/2)-1 (0)
		SCM207

A B C D E F G H I J

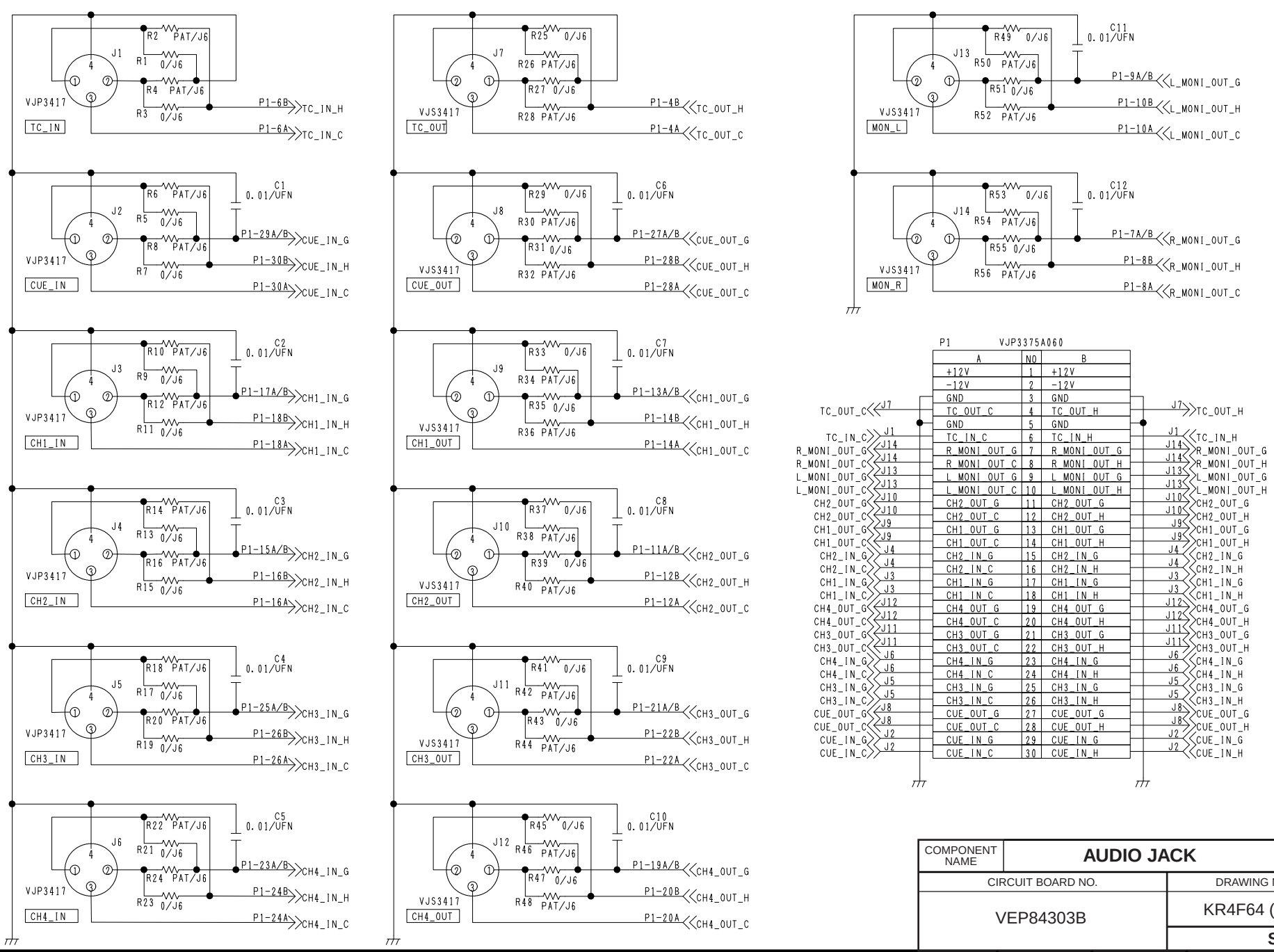
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

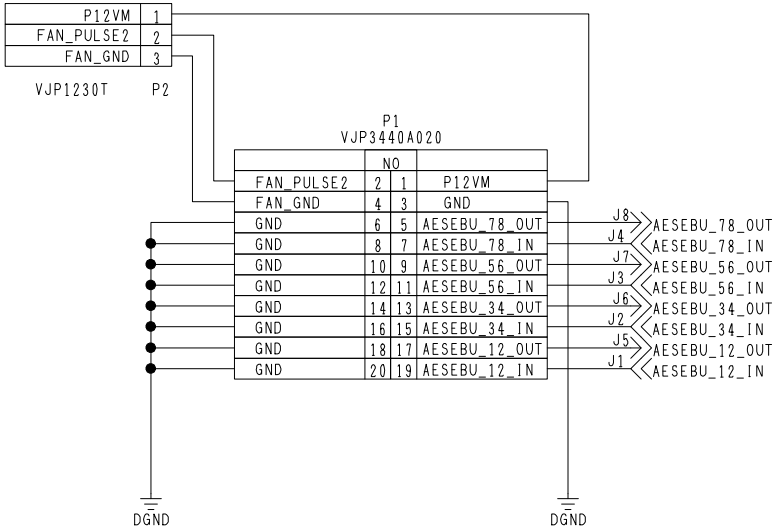


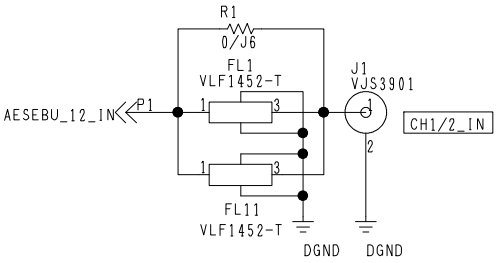
COMPONENT NAME	POWER2	02/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP81201B		KR1D93 (2/2)-1 (0)
		SCM208

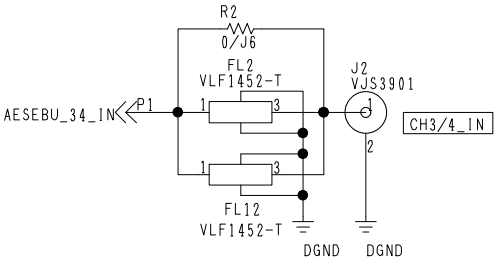


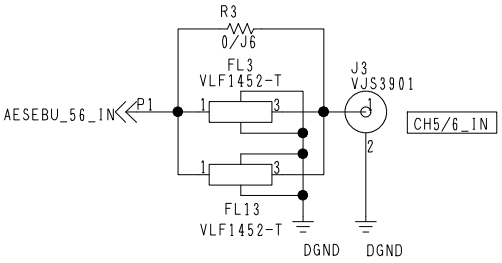
COMPONENT NAME	**POWER PACK**	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP81202B		KR1D94 (1/1)-1 (0)
		SCM209

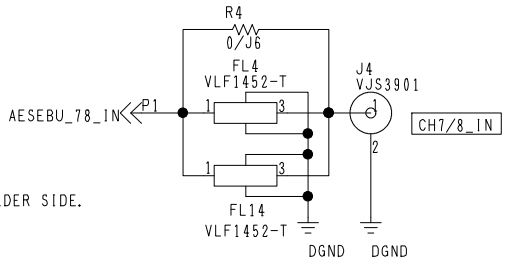

J1
VJP3417
TC_IN
R2 PAT/J6
R1 0/J6
R4 PAT/J6
R3 0/J6
P1-6B TC_IN_H
P1-6A TC_IN_C
J2
VJP3417
CUE_IN
R6 PAT/J6
R5 0/J6
R8 PAT/J6
R7 0/J6
C1 0.01/UFN
P1-29A/B CUE_IN_G
P1-30B CUE_IN_H
P1-30A CUE_IN_C
J3
VJP3417
CH1_IN
R10 PAT/J6
R9 0/J6
R12 PAT/J6
R11 0/J6
C2 0.01/UFN
P1-17A/B CH1_IN_G
P1-18B CH1_IN_H
P1-18A CH1_IN_C
J4
VJP3417
CH2_IN
R14 PAT/J6
R13 0/J6
R16 PAT/J6
R15 0/J6
C3 0.01/UFN
P1-15A/B CH2_IN_G
P1-16B CH2_IN_H
P1-16A CH2_IN_C
J5
VJP3417
CH3_IN
R18 PAT/J6
R17 0/J6
R20 PAT/J6
R19 0/J6
C4 0.01/UFN
P1-25A/B CH3_IN_G
P1-26B CH3_IN_H
P1-26A CH3_IN_C
J6
VJP3417
CH4_IN
R22 PAT/J6
R21 0/J6
R24 PAT/J6
R23 0/J6
C5 0.01/UFN
P1-23A/B CH4_IN_G
P1-24B CH4_IN_H
P1-24A CH4_IN_C
J7
VJS3417
TC_OUT
R25 0/J6
R26 PAT/J6
R27 0/J6
R28 PAT/J6
P1-4B TC_OUT_H
P1-4A TC_OUT_C
J8
VJS3417
CUE_OUT
R29 0/J6
R30 PAT/J6
R31 0/J6
R32 PAT/J6
C6 0.01/UFN
P1-27A/B CUE_OUT_G
P1-28B CUE_OUT_H
P1-28A CUE_OUT_C
J9
VJS3417
CH1_OUT
R33 0/J6
R34 PAT/J6
R35 0/J6
R36 PAT/J6
C7 0.01/UFN
P1-13A/B CH1_OUT_G
P1-14B CH1_OUT_H
P1-14A CH1_OUT_C
J10
VJS3417
CH2_OUT
R37 0/J6
R38 PAT/J6
R39 0/J6
R40 PAT/J6
C8 0.01/UFN
P1-11A/B CH2_OUT_G
P1-12B CH2_OUT_H
P1-12A CH2_OUT_C
J11
VJS3417
CH3_OUT
R41 0/J6
R42 PAT/J6
R43 0/J6
R44 PAT/J6
C9 0.01/UFN
P1-21A/B CH3_OUT_G
P1-22B CH3_OUT_H
P1-22A CH3_OUT_C
J12
VJS3417
CH4_OUT
R45 0/J6
R46 PAT/J6
R47 0/J6
R48 PAT/J6
C10 0.01/UFN
P1-19A/B CH4_OUT_G
P1-20B CH4_OUT_H
P1-20A CH4_OUT_C
J13
VJS3417
MON_L
R49 0/J6
R50 PAT/J6
R51 0/J6
R52 PAT/J6
C11 0.01/UFN
P1-9A/B L_MONI_OUT_G
P1-10B L_MONI_OUT_H
P1-10A L_MONI_OUT_C
J14
VJS3417
MON_R
R53 0/J6
R54 PAT/J6
R55 0/J6
R56 PAT/J6
C12 0.01/UFN
P1-7A/B R_MONI_OUT_G
P1-8B R_MONI_OUT_H
P1-8A R_MONI_OUT_C
P1 VJP3375A060
A | NO | B
+12V | 1 | +12V
-12V | 2 | -12V
GND | 3 | GND
TC_OUT_C | 4 | TC_OUT_H
GND | 5 | GND
TC_IN_C | 6 | TC_IN_H
R_MONI_OUT_G | 7 | R_MONI_OUT_G
R_MONI_OUT_C | 8 | R_MONI_OUT_H
L_MONI_OUT_G | 9 | L_MONI_OUT_G
L_MONI_OUT_C | 10 | L_MONI_OUT_H
CH2_OUT_G | 11 | CH2_OUT_G
CH2_OUT_C | 12 | CH2_OUT_H
CH1_OUT_G | 13 | CH1_OUT_G
CH1_OUT_C | 14 | CH1_OUT_H
CH2_IN_G | 15 | CH2_IN_G
CH2_IN_C | 16 | CH2_IN_H
CH1_IN_G | 17 | CH1_IN_G
CH1_IN_C | 18 | CH1_IN_H
CH4_OUT_G | 19 | CH4_OUT_G
CH4_OUT_C | 20 | CH4_OUT_H
CH3_OUT_G | 21 | CH3_OUT_G
CH3_OUT_C | 22 | CH3_OUT_H
CH4_IN_G | 23 | CH4_IN_G
CH4_IN_C | 24 | CH4_IN_H
CH3_IN_G | 25 | CH3_IN_G
CH3_IN_C | 26 | CH3_IN_H
CUE_OUT_G | 27 | CUE_OUT_G
CUE_OUT_C | 28 | CUE_OUT_H
CUE_IN_G | 29 | CUE_IN_G
CUE_IN_C | 30 | CUE_IN_H
COMPONENT NAME
AUDIO JACK
01/01
CIRCUIT BOARD NO.
VEP84303B
DRAWING NO.
KR4F64 (1/1) (0)
SCM210
A
B
C
D
E
F
G
H
I
J
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

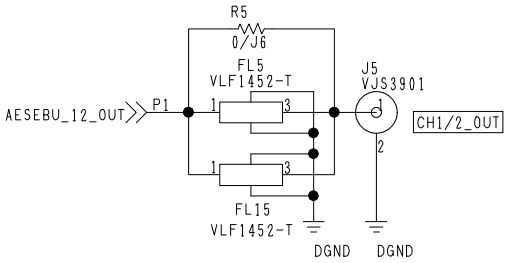


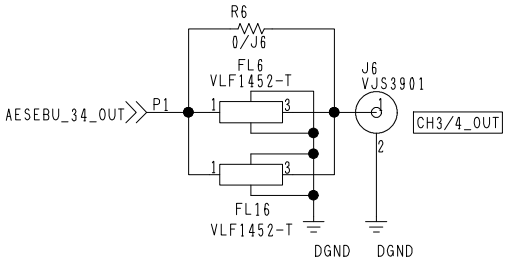


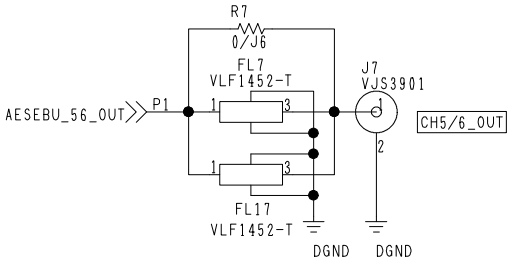


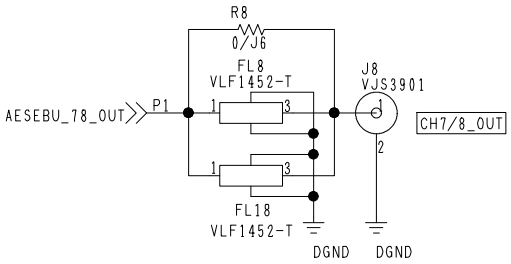










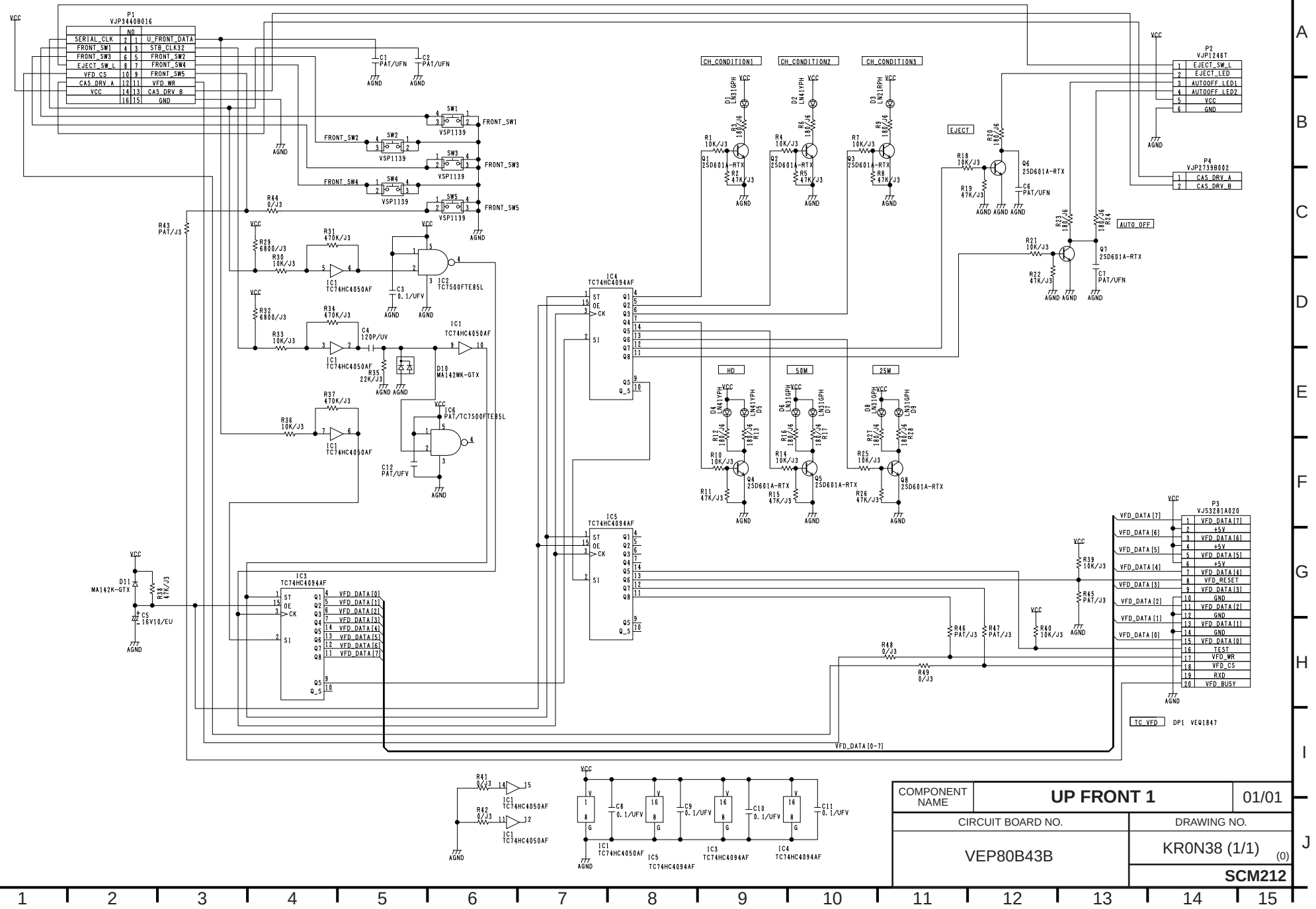


NOTICE)
R1 ～ R8 AND FL1 ～ FL8 ARE MOUNTED ON SOLDER SIDE.
THE OTHERS ARE MOUNTED ON PARTS SIDE.

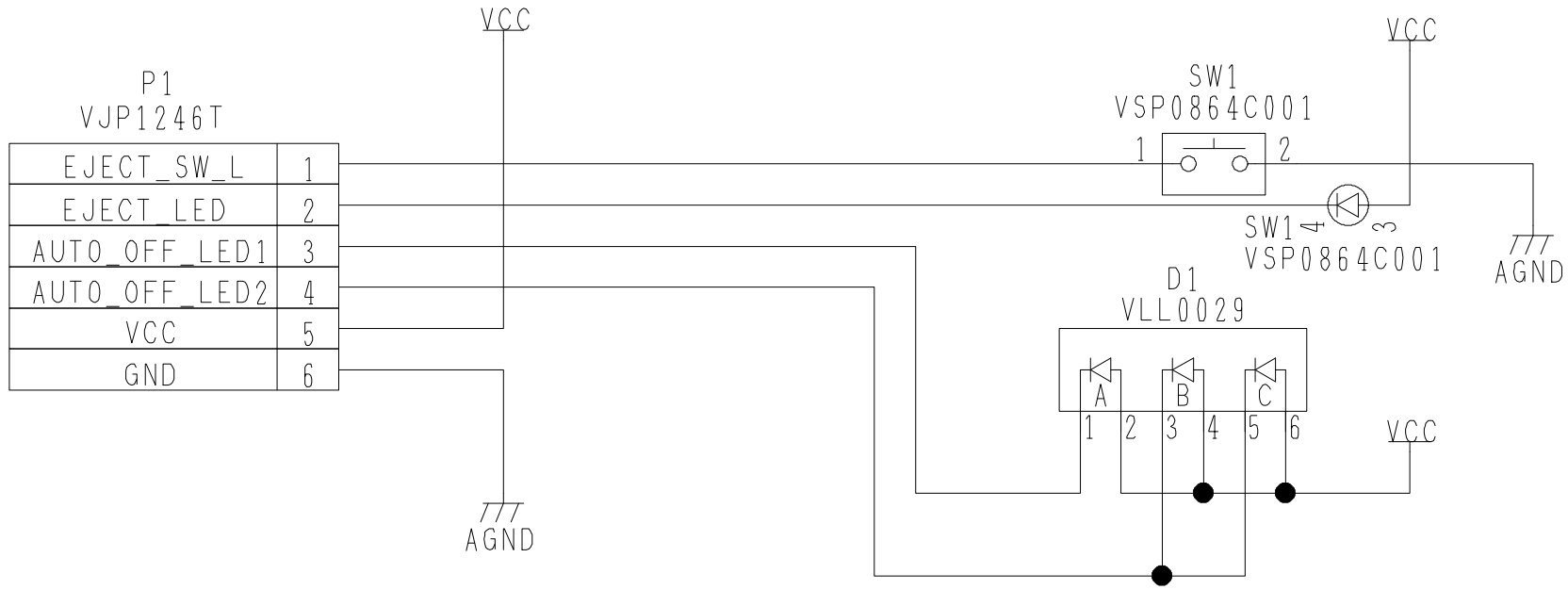
COMPONENT NAME	AES/EBU	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP84332A		KR4H65 (1/1)-1 (1)
		SCM211

A B C D E F G H I J

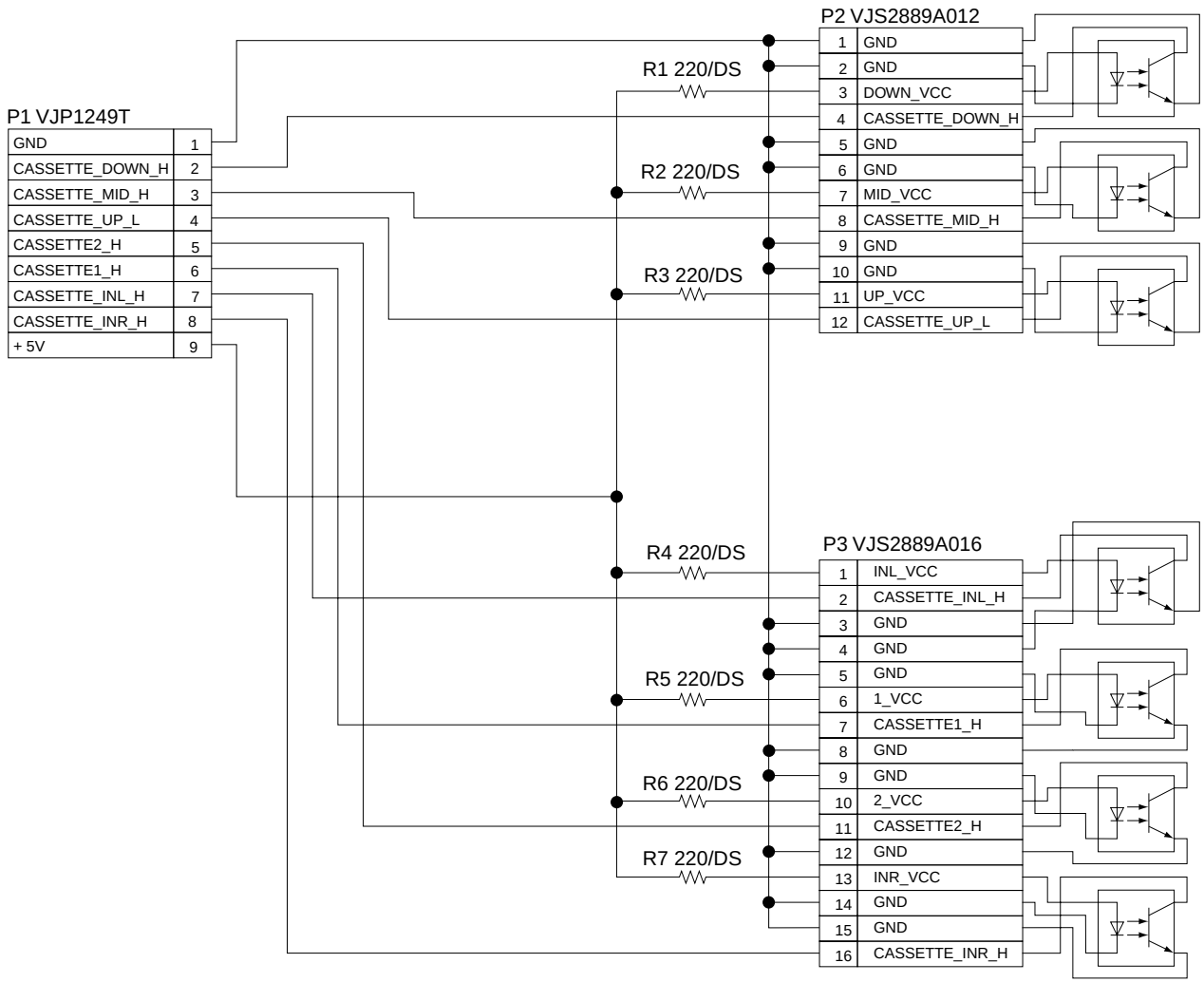
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



COMPONENT NAME	**UP FRONT 1**		01/01
CIRCUIT BOARD NO.		DRAWING NO.	
VEP80B43B		KR0N38 (1/1)	(0)
		SCM212	



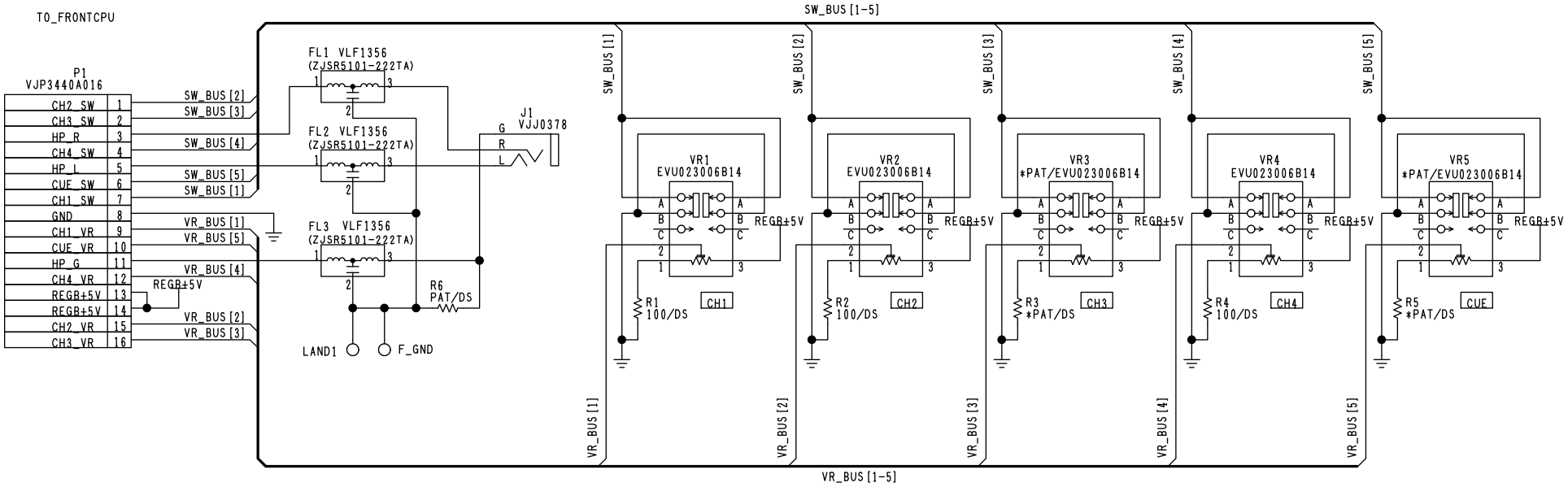
COMPONENT NAME	**UP FRONT 2**	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP80B56A		KR0N61 (1/1) (0)
		SCM213



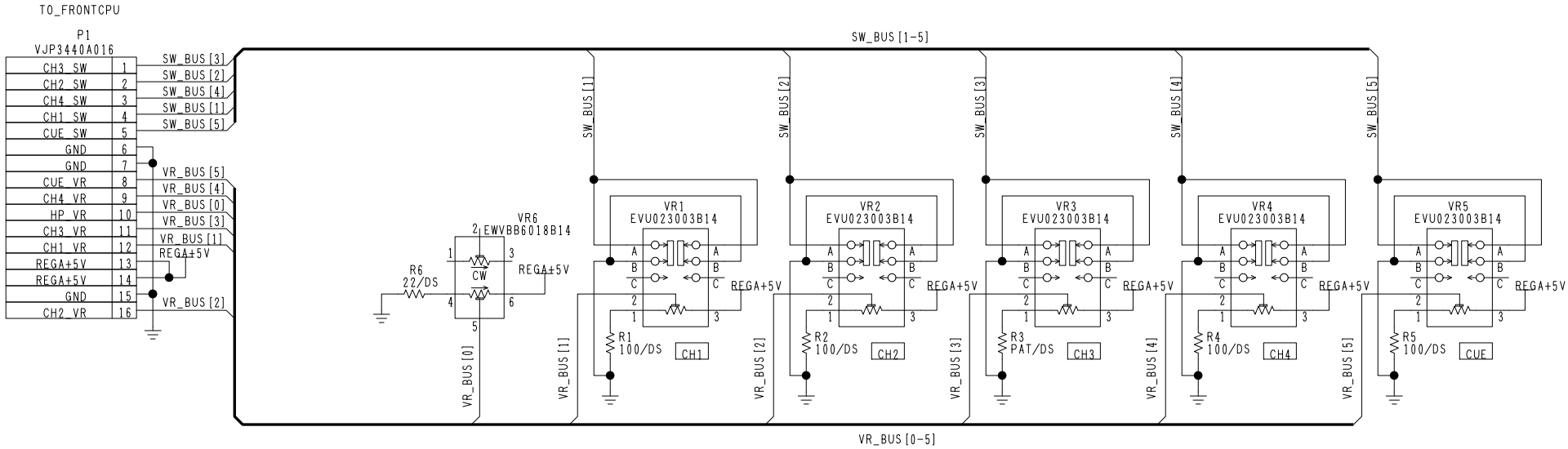
COMPONENT NAME	CARRIGE	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP80856A		KR0F29 (1/1) (1)
		SCM214

A B C D E F G H I J

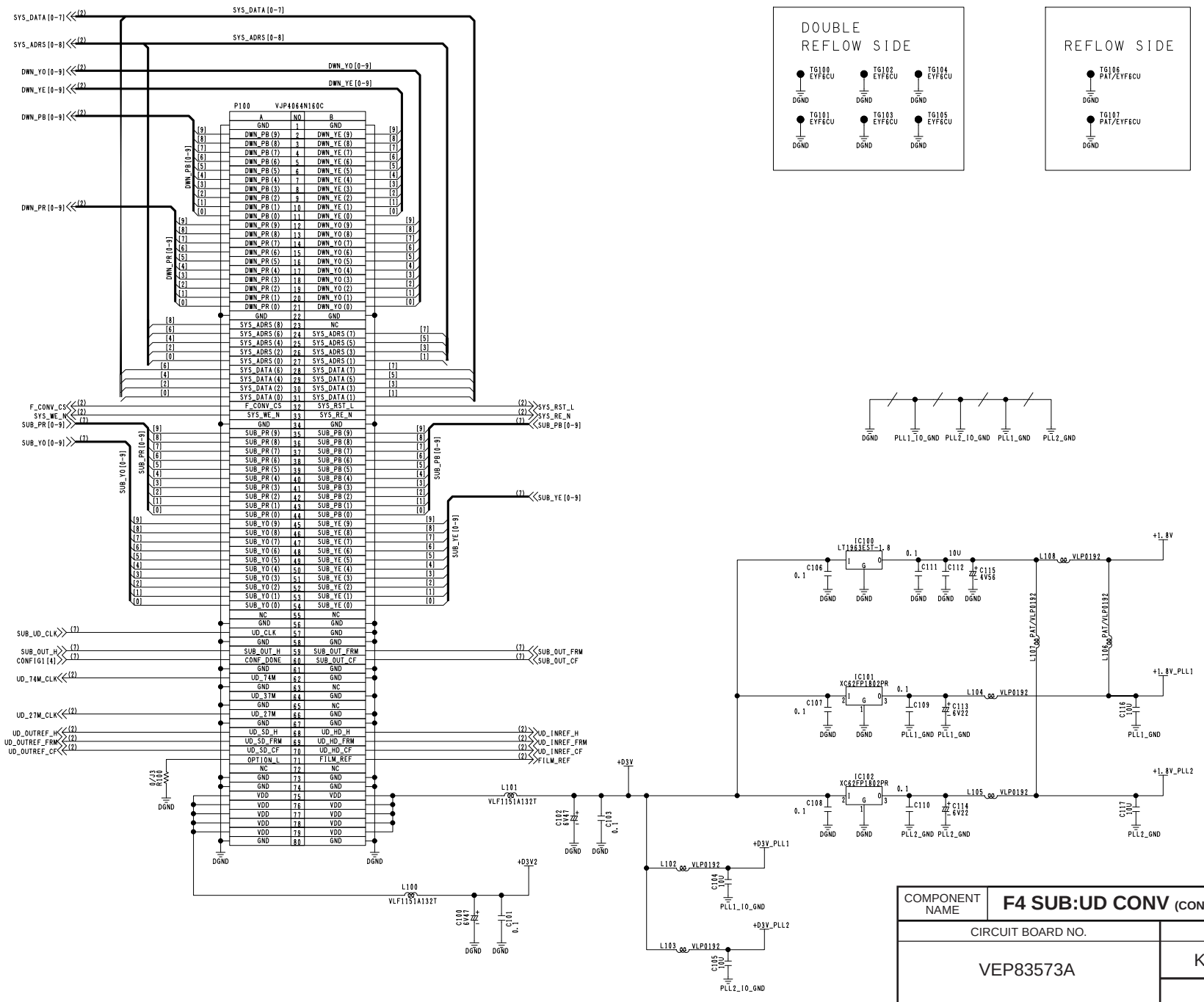
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



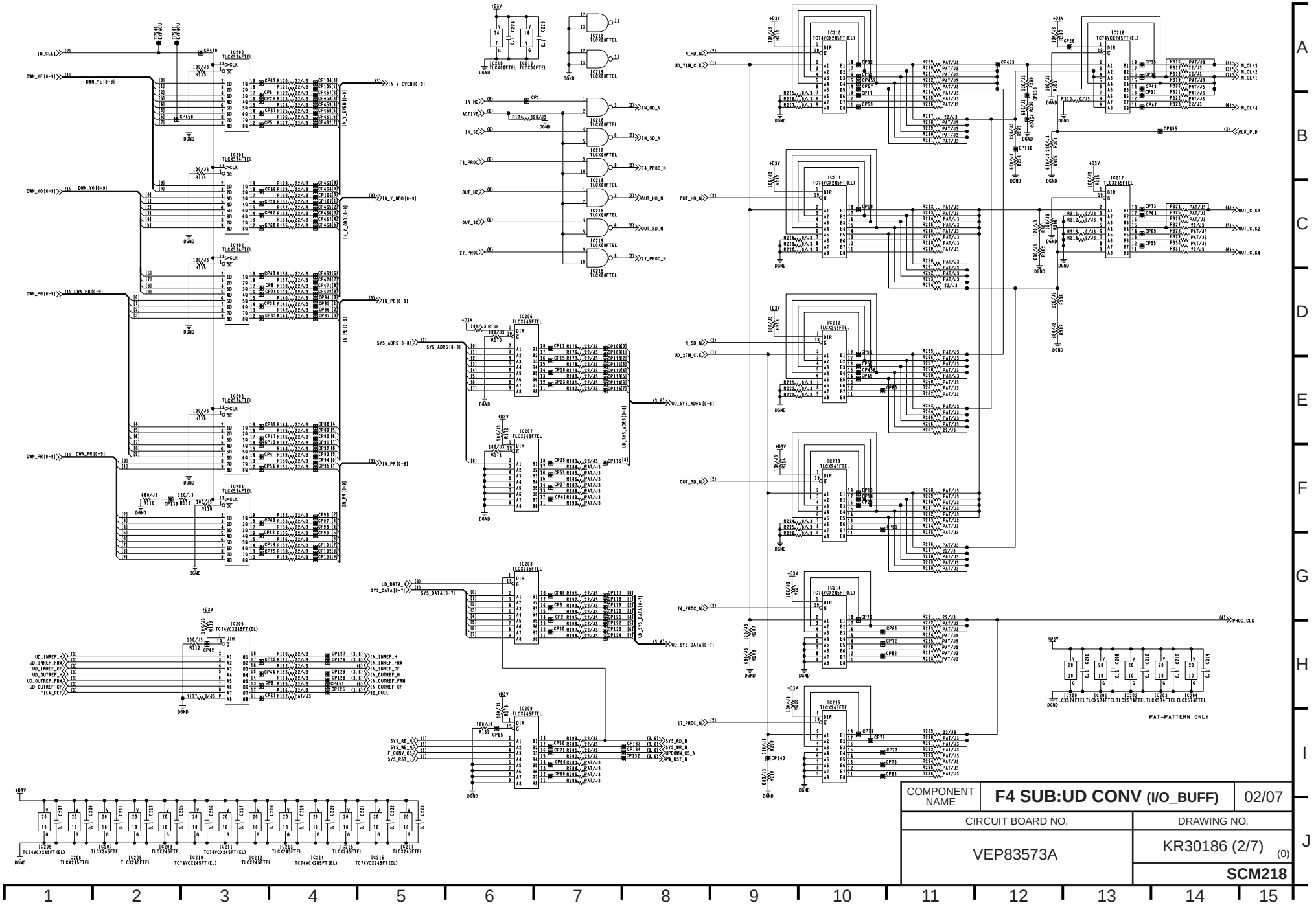
COMPONENT NAME	FRONT VR 1	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP80963F		KR0G71 (1/1) (0)
		SCM215



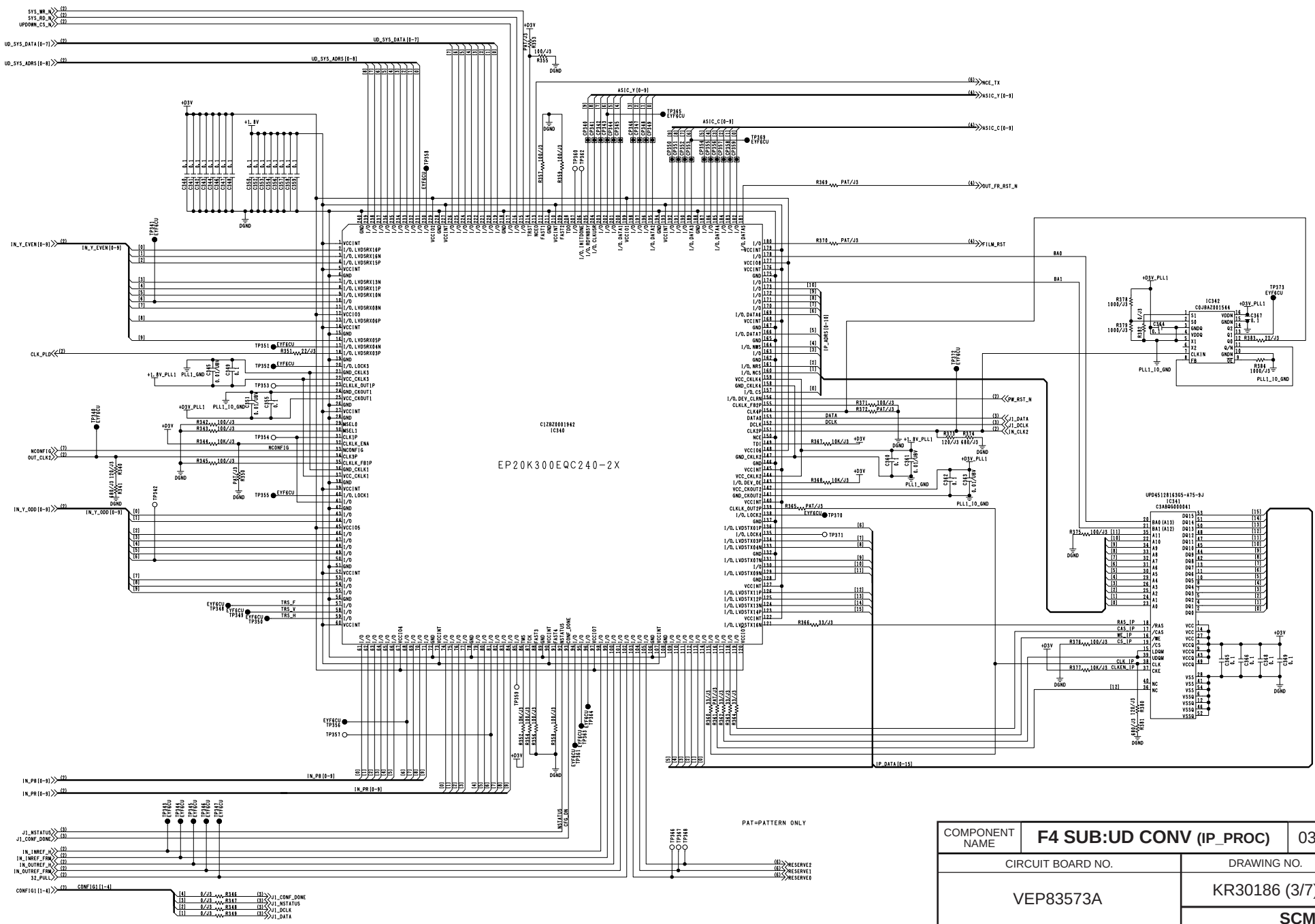
COMPONENT NAME	FRONT VR 2	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP80964E		KR0G70 (1/1) (0)
		SCM216



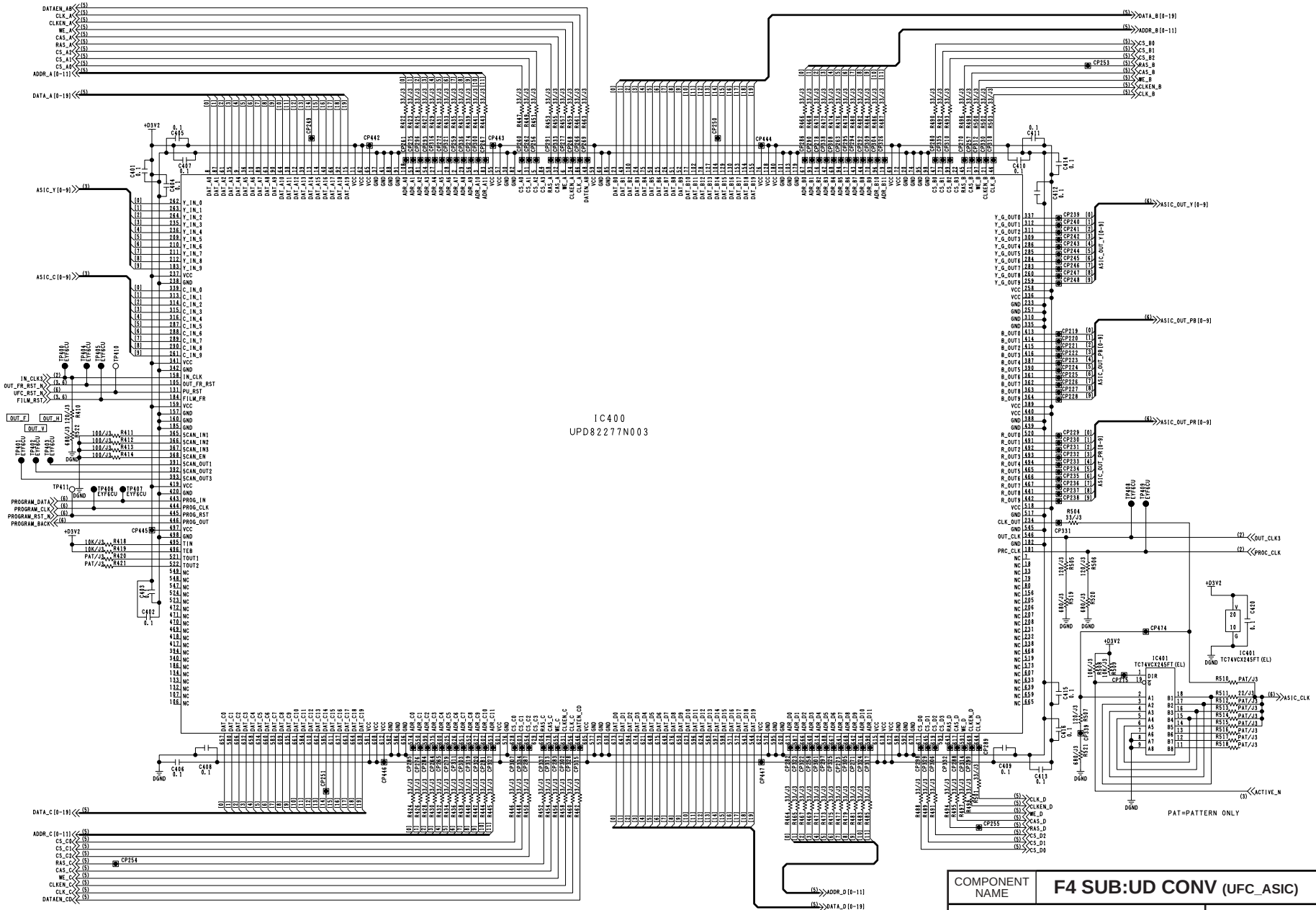
COMPONENT NAME	**F4 SUB:UD CONV (CONNECTOR)** 01/07
CIRCUIT BOARD NO.	DRAWING NO.
VEP83573A	KR30186 (1/7) (0)
	SCM217



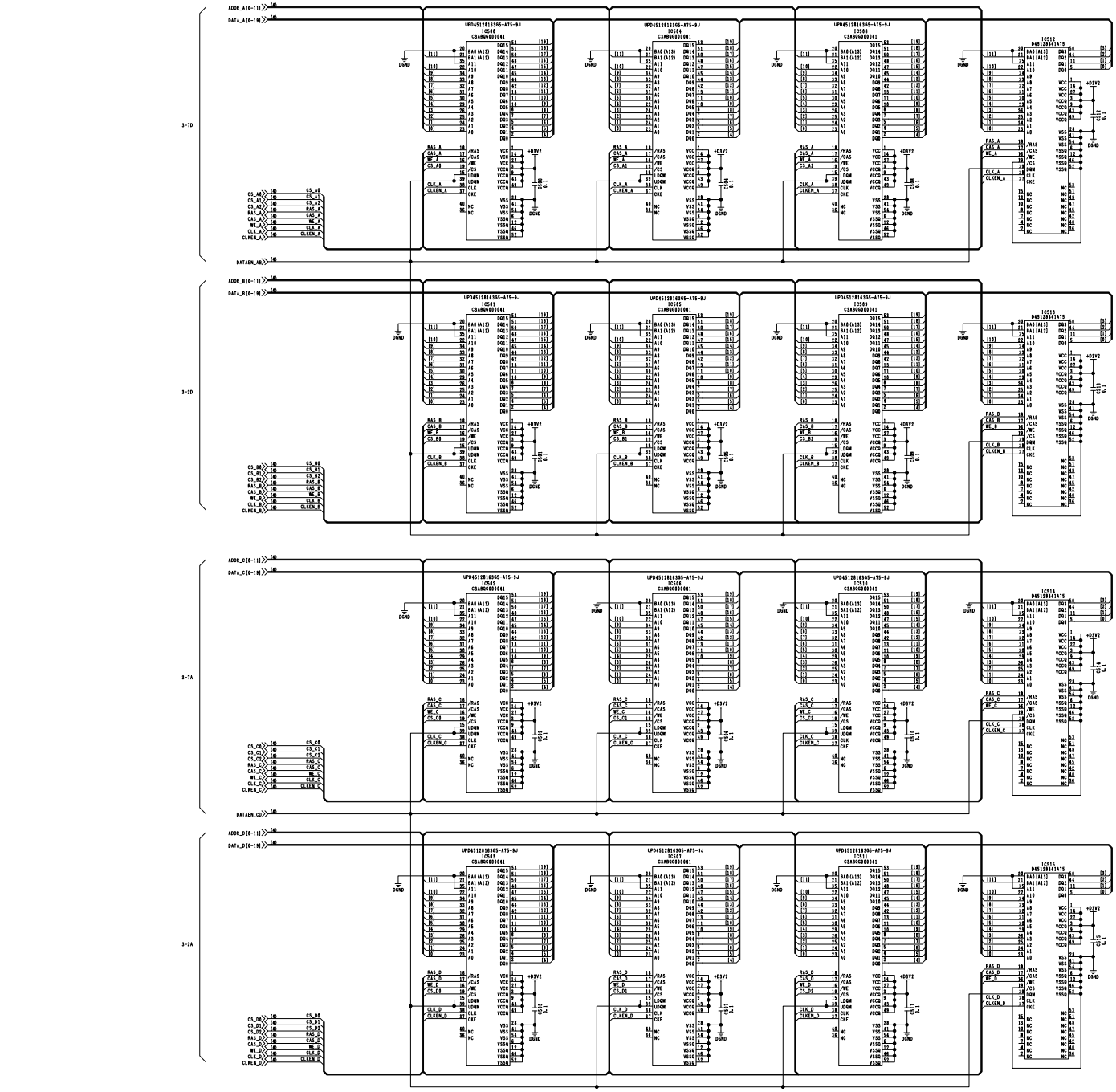
COMPONENT NAME	F4 SUB:UD CONV (I/O_BUFF)	02/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP83573A		KR30186 (2/7) (0)
		SCM218



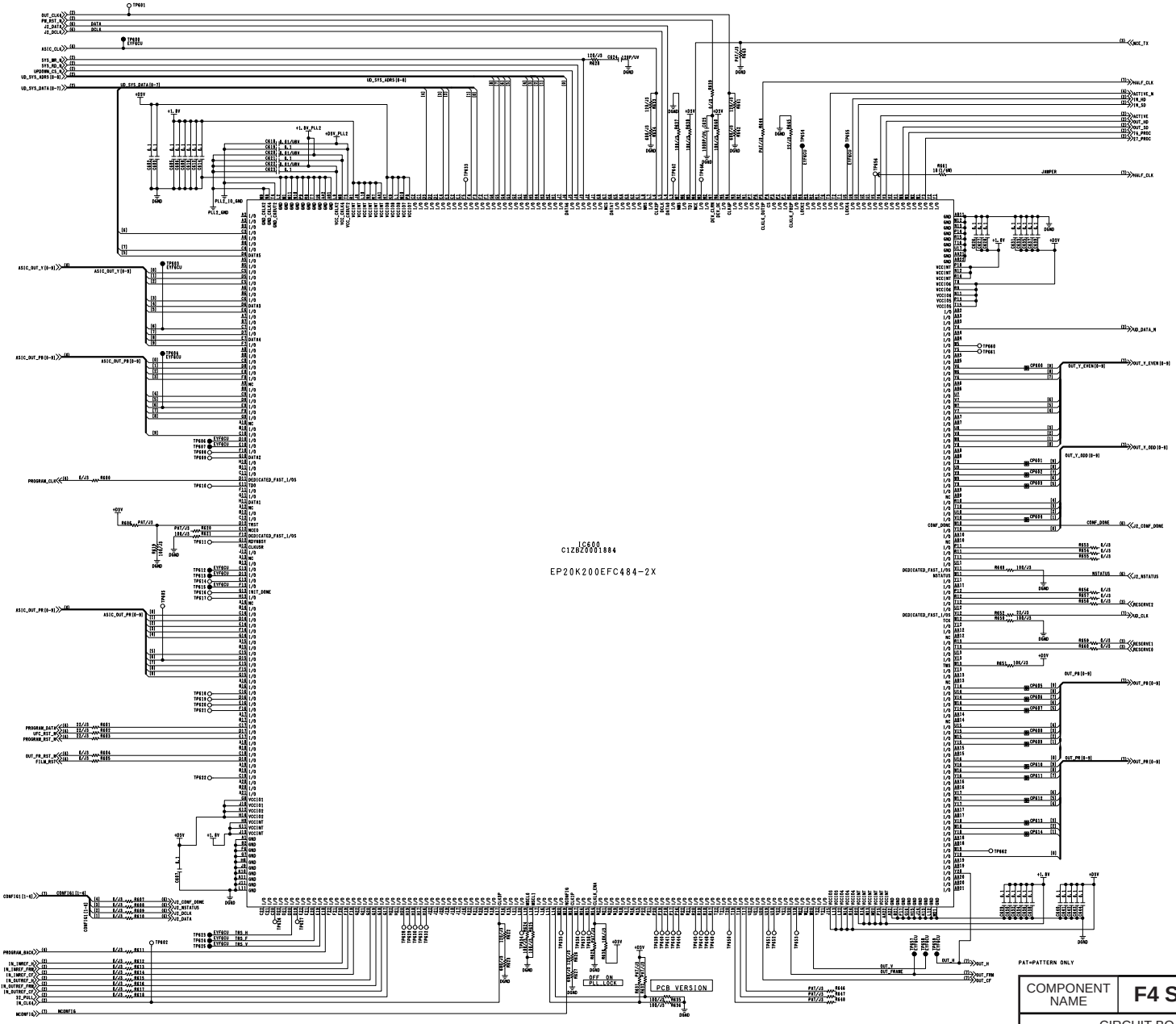
COMPONENT NAME	**F4 SUB:UD CONV (IP_PROC)**	03/07
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83573A	KR30186 (3/7) (0)	
	SCM219	



COMPONENT NAME	**F4 SUB:UD CONV (UFC_ASIC)**	04/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP83573A		KR30186 (4/7) (0)
		SCM220



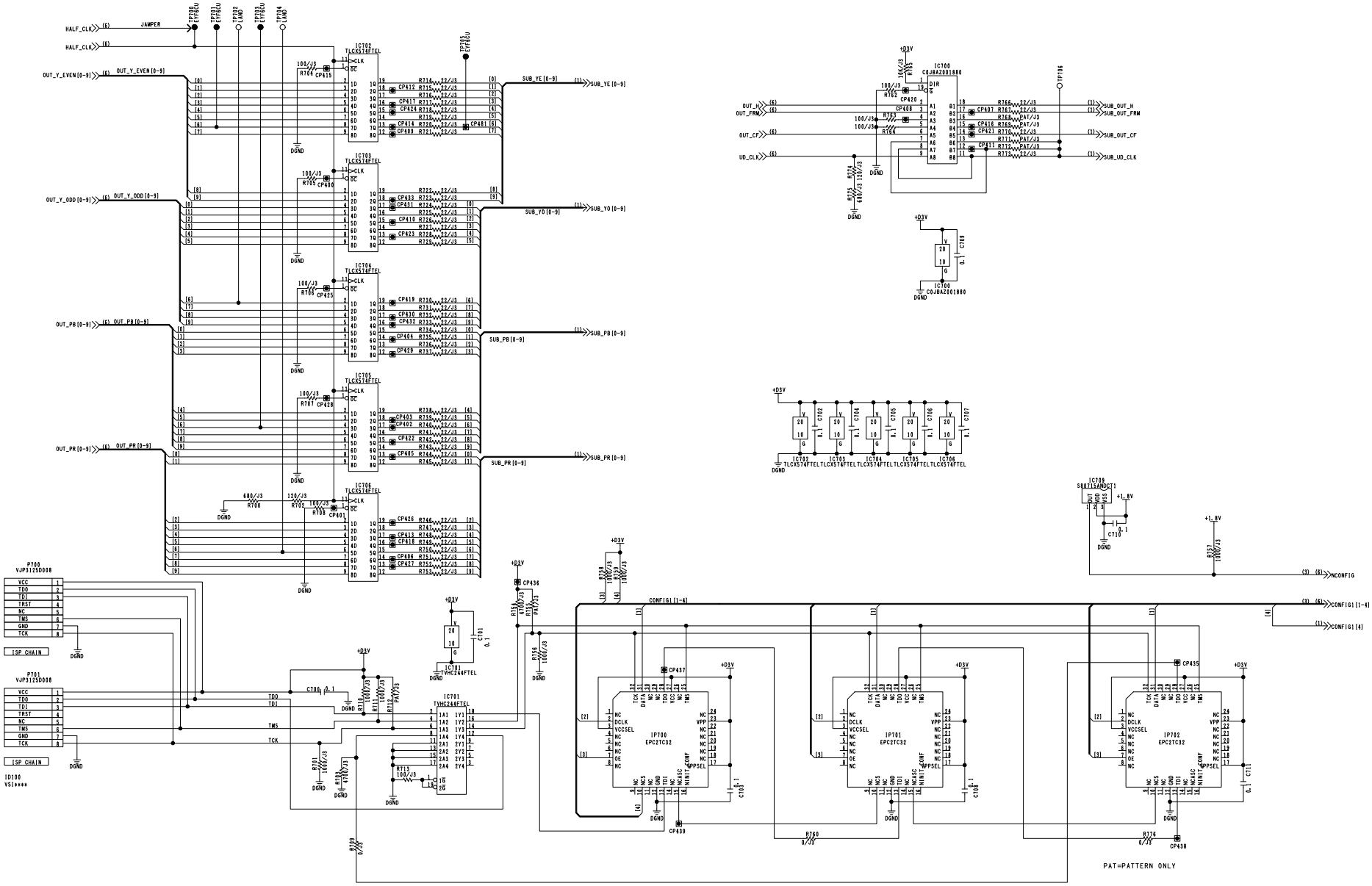
COMPONENT NAME	F4 SUB:UD CONV (SDRAM)	05/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP83573A		KR30186 (5/7) (0)
		SCM221



COMPONENT NAME	**F4 SUB:UD CONV (OUT_PROC)**	06/07
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83573A	KR30186 (6/7) (0)	
	SCM222	

A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



COMPONENT NAME	F4 SUB:UD CONV (OUT_BUFF)	07/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP83573A		KR30186 (7/7) (0)
		SCM223

SECTION 7

CIRCUIT BOARD DIAGRAMS

NOTE:
BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 8

CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

CONTENTS

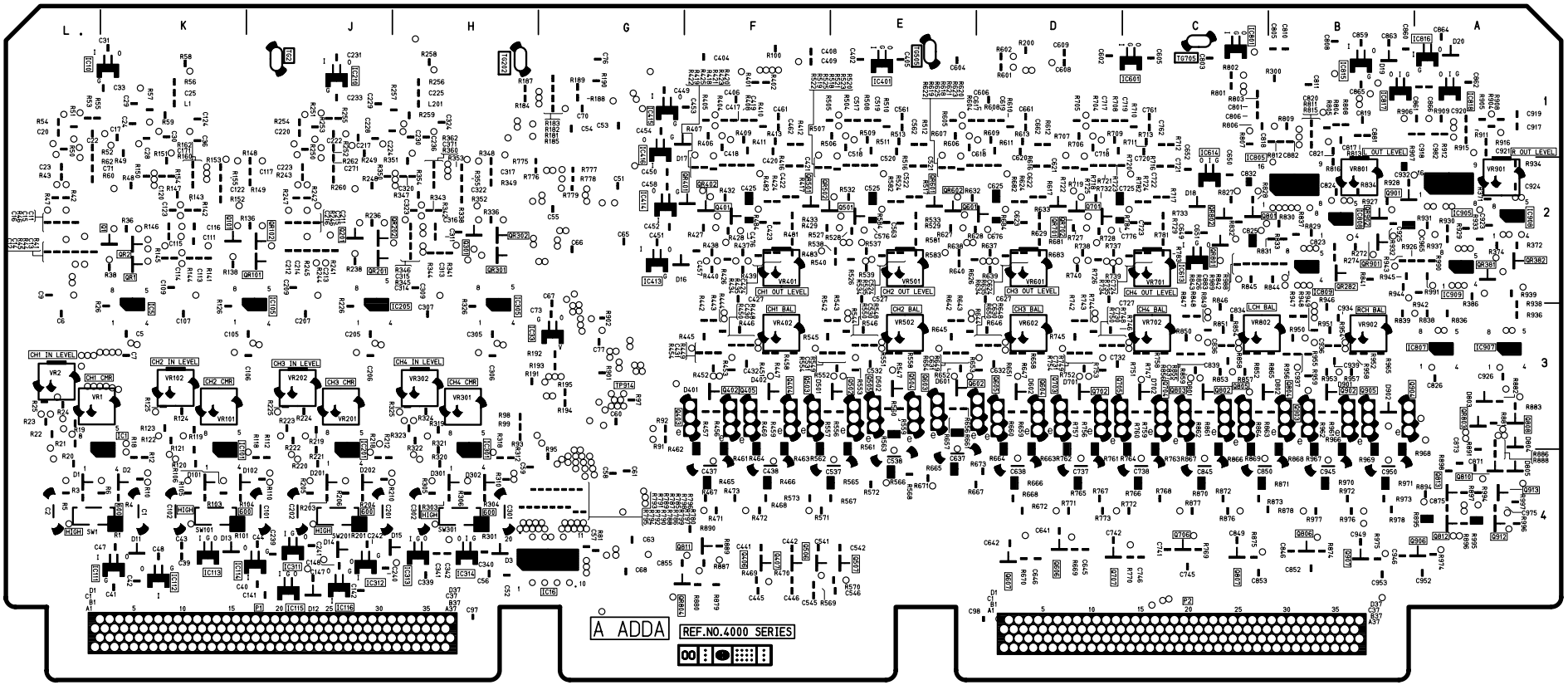
F1: A ADDA P.C.BOARD (VEP84333A) CBA-1
F2: APROC UDI P.C.BOARD (VEP84378A) CBA-3
F3: SDI P.C.BOARD (VEP83584A) CBA-5
F4: V PROC P.C.BOARD (VEP83465C) CBA-7
F5: REC PB P.C.BOARD (VEP83580A) CBA-9
F6: SYSCON P.C.BOARD (VEP86318A) CBA-11
F7: SERVO P.C.BOARD (VEP82242A) CBA-13
H1: CMPST OUT P.C.BOARD (VEP83467C) CBA-15
H3: CUE P.C.BOARD (VEP84347C) CBA-17
H4/5: RFEQ P.C.BOARD (VEP85204A/B) CBA-19
MOTHER P.C.BOARD (VEP89139A) CBA-21
MECHA I/F P.C.BOARD (VEP82231A) CBA-23
H BUFF P.C.BOARD (VEP85205A) CBA-25
HD SDI RX P.C.BOARD (VEP83459B) CBA-27
HD SDI TX P.C.BOARD (VEP83460B) CBA-29
ECC SUB P.C.BOARD (VEP83581A) CBA-31
FRONT CPU P.C.BOARD (VEP86297C) CBA-33
FRONT SW P.C.BOARD (VEP80B44C) CBA-34
REAR JACK P.C.BOARD (VEP83478A) CBA-35
POWER 1 P.C.BOARD (VEP81200C) CBA-37
POWER 2 P.C.BOARD (VEP81201B) CBA-39
POWER PACK P.C.BOARD (VEP81202B) CBA-41
A JACK P.C.BOARD (VEP84303B) CBA-42
BUZZER P.C.BOARD (VEP86328A) CBA-42
FRONT CPU P.C.BOARD (VEP86298A) CBA-42
AES/EBC JACK P.C.BOARD (VEP84332A) CBA-43
UP FRONT 1 P.C.BOARD (VEP80B43B) CBA-43
F4 SUB : UD CONV P.C.BOARD (VEP83573A) CBA-44

F1 : A ADDA P.C.BOARD (VEP84333A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	K-3	IC201	J-4	IC416	G-1	IC905	A-2	Q404	F-3	Q603	E-3	Q802	C-3	Q903	B-3	QR282	B-2	QR801	C-2	VR101	K-3	VR702	C-3
IC5	K-3	IC205	H-3	IC601	C-1	IC907	A-3	Q405	F-3	Q604	D-3	Q803	C-3	Q904	B-3	QR301	H-2	QR802	C-2	VR102	K-3	VR801	B-2
IC10	L-1	IC210	J-1	IC613	C-2	IC908	A-2	Q406	F-4	Q605	D-3	Q804	B-3	Q905	B-3	QR302	H-2	QR803	A-3	VR201	L-3	VR802	C-3
IC16	G-4	IC301	H-3	IC614	C-1	IC909	A-2	Q407	F-4	Q606	D-4	Q805	C-3	Q906	A-4	QR381	A-2	QR804	G--5	VR202	L-3	VR901	A-2
IC33	H-3	IC305	H-3	IC801	C-1	P1	J-5	Q501	E-2	Q607	D-4	Q806	B-4	Q907	B-4	QR382	A-2	QR901	B-2	VR301	H-3	VR902	B-3
IC101	K-4	IC311	J-4	IC805	C-1	P2	C-5	Q502	E-3	Q701	D-2	Q807	C-4	Q912	A-4	QR401	F-2	QR902	B-2	VR302	H-3		
IC105	J-3	IC312	J-4	IC807	A-3	Q1	K-2	Q503	F-3	Q702	D-3	Q808	A-3	Q913	A-4	QR402	F-2	TG2	J-1	VR401	F-2		
IC111	K-4	IC313	H-4	IC808	B-2	Q101	K-2	Q504	E-3	Q703	D-3	Q810	A-4	QR1	K-2	QR501	F-2	TG202	H-1	VR402	F-3		
IC112	K-4	IC314	H-4	IC809	B-2	Q201	J-2	Q505	E-3	Q704	C-3	Q811	F-4	QR2	K-2	QR502	F-2	TG505	E-1	VR501	E-2		
IC113	K-4	IC401	E-1	IC815	B-1	Q301	H-2	Q506	F-4	Q705	D-3	Q812	A-4	QR101	J-2	QR601	E-2	TG705	C-1	VR502	E-3		
IC114	K-4	IC413	G-2	IC816	A-1	Q401	F-2	Q507	E-4	Q706	C-4	Q813	A-4	QR102	J-2	QR602	E-2	TP914	G-3	VR601	D-2		
IC115	J-5	IC414	G-2	IC817	B-1	Q402	F-3	Q601	E-2	Q707	D-4	Q901	B-2	QR201	J-2	QR701	D-2	VR1	L-3	VR602	D-3		
IC116	J-5	IC415	G-1	IC818	A-1	Q403	G-3	Q602	D-3	Q801	B-2	Q902	B-3	QR202	H-2	QR702	D-2	VR2	L-3	VR701	C-2		

CBA-1



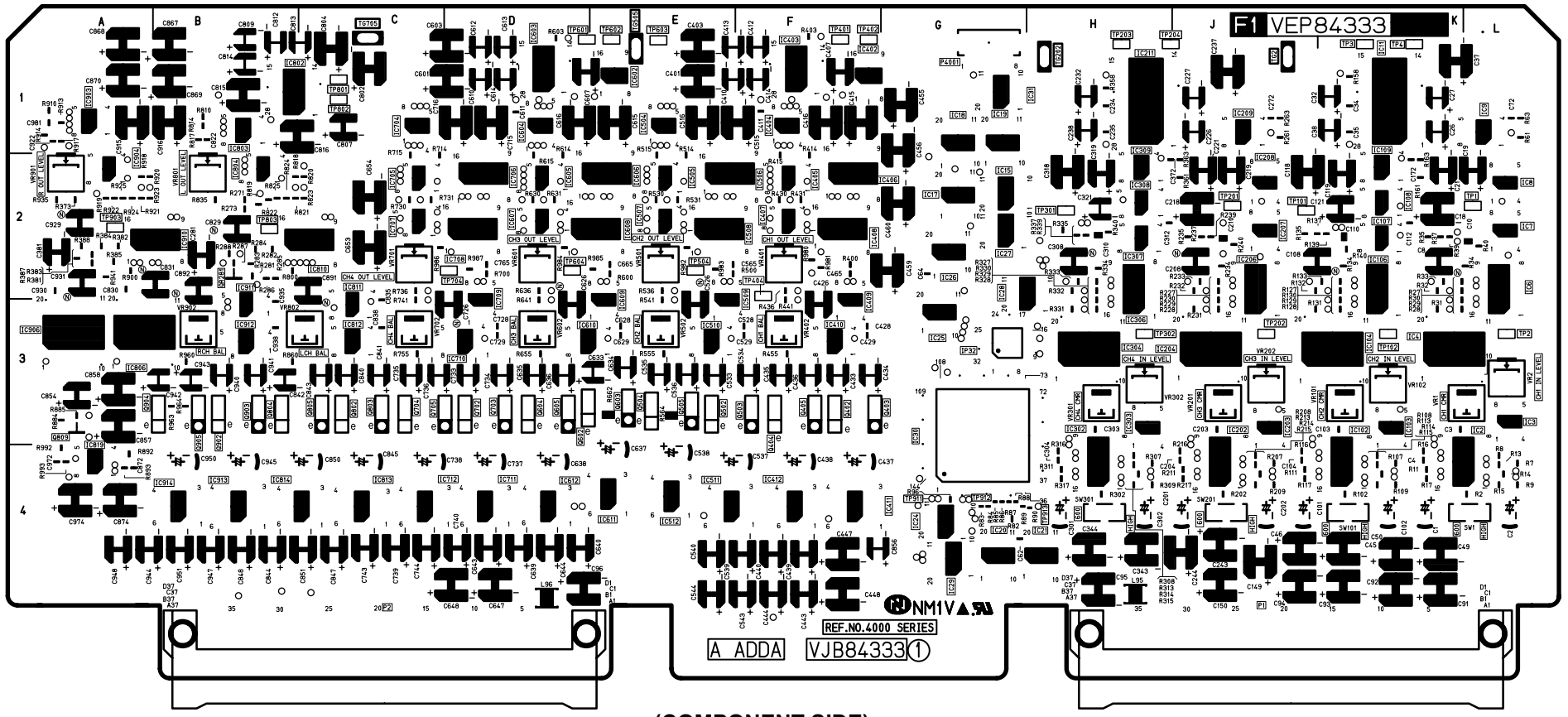
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F1 : A ADDA P.C.BOARD (VEP84333A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2	L-3	IC21	H-4	IC107	K-2	IC304	H-3	IC410	F-3	IC603	D-1	IC707	C-2	IC813	C-4	P2	C-5	Q605	D-3	Q905	B-3	TP202	J-3	TP704	D-2	VR202	J-3	VR901	A-2
IC3	L-3	IC24	G-4	IC108	K-2	IC306	H-3	IC411	G-4	IC604	D-1	IC708	D-2	IC814	B-4	P4001	G-1	Q702	D-3	QR281	B-2	TP203	H-1	TP801	C-1	VR301	H-3	VR902	B-3
IC4	K-3	IC25	G-3	IC109	K-1	IC307	H-2	IC412	F-4	IC605	D-2	IC709	D-2	IC819	A-3	Q402	F-3	Q703	D-3	TG2	J-1	TP204	H-1	TP802	C-1	VR302	H-3		
IC6	L-2	IC26	G-2	IC202	J-3	IC308	H-2	IC504	E-1	IC606	E-2	IC710	D-3	IC903	A-1	Q403	G-3	Q704	C-3	TG202	H-1	TP301	H-2	TP803	B-2	VR401	F-2		
IC7	L-2	IC27	G-2	IC203	J-3	IC309	H-1	IC505	E-2	IC607	D-2	IC711	D-4	IC904	A-1	Q404	F-3	Q705	C-3	TG505	E-1	TP302	H-3	TP903	A-2	VR402	F-3		
IC8	L-2	IC28	G-2	IC204	H-3	IC402	F-1	IC506	F-2	IC608	E-2	IC712	D-4	IC906	A-3	Q405	F-3	Q802	C-3	TG705	C-1	TP401	F-1	TP911	G-4	VR501	E-2		
IC9	L-1	IC29	G-5	IC206	J-2	IC403	F-1	IC507	E-2	IC609	E-2	IC802	B-1	IC910	B-2	Q502	E-3	Q803	C-3	TP1	L-2	TP402	F-1	TP912	G-4	VR502	E-3		
IC11	K-1	IC30	G-3	IC207	J-2	IC404	F-1	IC508	F-2	IC610	D-3	IC803	B-1	IC911	B-2	Q503	F-3	Q804	B-3	TP2	L-3	TP404	F-2	TP913	H-4	VR601	D-2		
IC15	G-2	IC31	H-1	IC208	J-2	IC405	F-2	IC509	F-2	IC611	E-4	IC804	B-2	IC912	B-3	Q504	E-3	Q805	C-3	TP3	K-1	TP504	E-2	VR1	K-3	VR602	D-3		
IC17	G-2	IC102	K-3	IC209	J-1	IC406	G-2	IC510	E-3	IC612	D-4	IC806	A-3	IC913	B-4	Q505	E-3	Q809	A-3	TP4	K-1	TP601	D-1	VR2	L-3	VR701	C-2		
IC18	G-1	IC103	K-3	IC211	H-1	IC407	F-2	IC511	E-4	IC704	C-1	IC810	C-2	IC914	B-4	Q602	D-3	Q902	B-3	TP101	J-2	TP602	E-1	VR101	J-3	VR702	C-3		
IC19	G-1	IC104	K-3	IC302	H-3	IC408	F-2	IC512	E-4	IC705	C-2	IC811	C-2	IP32	G-3	Q603	E-3	Q903	B-3	TP102	K-3	TP603	E-1	VR102	K-3	VR801	B-2		
IC20	G-4	IC106	K-2	IC303	H-3	IC409	F-2	IC602	E-1	IC706	D-2	IC812	C-3	P1	J-5	Q604	D-3	Q904	A-3	TP201	J-2	TP604	D-2	VR201	J-3	VR802	B-3		

CBA-2



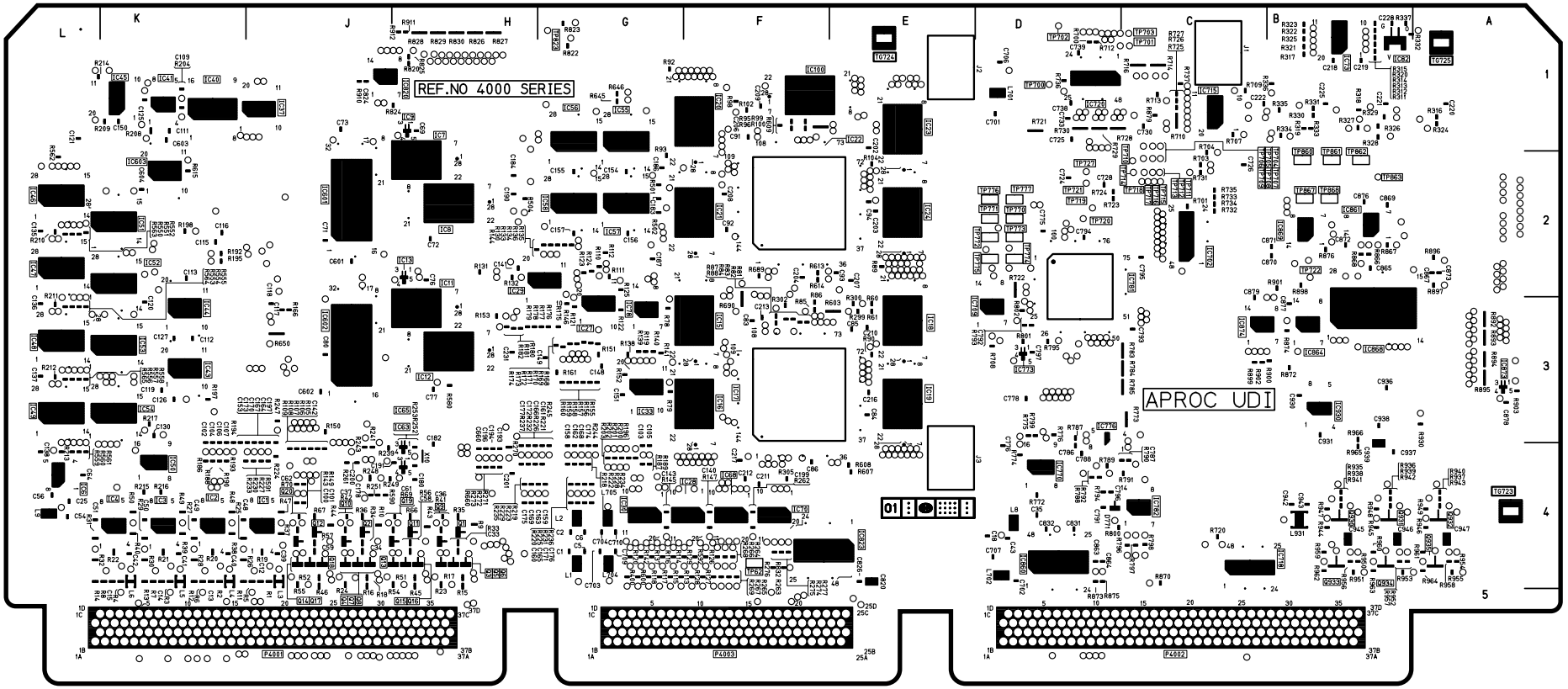
(COMPONENT SIDE)

F2 : APROC UDI P.C.BOARD (VEP84378A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	J4	IC22	F2	IC50	K4	IC702	C2	IC869	B2	Q12	J4	TP62	F5	TP717	C2	TP862	B2
IC2	K4	IC23	E1	IC51	K2	IC709	D3	IC873	A3	Q13	J4	TP700	D1	TP718	C2	TP863	B2
IC3	K4	IC24	E2	IC52	K2	IC715	C1	IC874	C3	Q14	J4	TP701	C1	TP719	D2	TP867	B2
IC4	K4	IC27	G3	IC53	K3	IC718	C5	IC930	B3	Q15	H4	TP702	D1	TP720	D2	TP868	B2
IC6	L4	IC28	F5	IC54	K3	IC720	D1	P4001	J5	Q16	H4	TP703	C1	TP721	D2		
IC7	H2	IC29	G2	IC55	G1	IC770	D4	P4002	C5	Q17	J4	TP704	C2	TP722	B2		
IC8	H2	IC30	G4	IC56	G1	IC773	D3	P4003	F5	Q18	J4	TP705	C2	TP727	D2		
IC9	H1	IC33	G3	IC57	G2	IC776	D3	Q1	H4	Q19	H4	TP706	C2	TP770	D2		
IC11	H3	IC37	J1	IC58	G2	IC781	D2	Q2	J4	Q20	J4	TP707	C2	TP771	D2		
IC12	H3	IC40	K1	IC63	H3	IC781	G3	Q3	H4	Q930	B4	TP708	C2	TP772	D2		
IC13	H2	IC41	K1	IC65	H3	IC782	C5	Q4	J4	Q931	B4	TP709	C2	TP773	D2		
IC15	F3	IC43	K3	IC68	F5	IC820	J1	Q5	H4	Q932	A4	TP710	C2	TP774	D2		
IC16	F3	IC44	K3	IC70	F5	IC820	B1	Q6	H4	Q933	B4	TP711	C2	TP775	D2		
IC17	F3	IC45	K1	IC73	B1	IC823	F5	Q7	J4	Q934	B4	TP712	C2	TP776	D2		
IC18	E3	IC46	L2	IC100	F1	IC860	D4	Q8	J4	Q935	A4	TP713	C2	TP777	D2		
IC19	E3	IC47	L2	IC601	J2	IC861	B2	Q9	H4	TG723	A4	TP714	C2	TP823	G1		
IC20	F1	IC48	L3	IC602	J3	IC864	B3	Q10	J4	TG724	E1	TP715	C2	TP860	B2		
IC21	F2	IC49	L3	IC603	K2	IC868	B3	Q11	H4	TG725	A1	TP716	C2	TP861	B2		

CBA-3



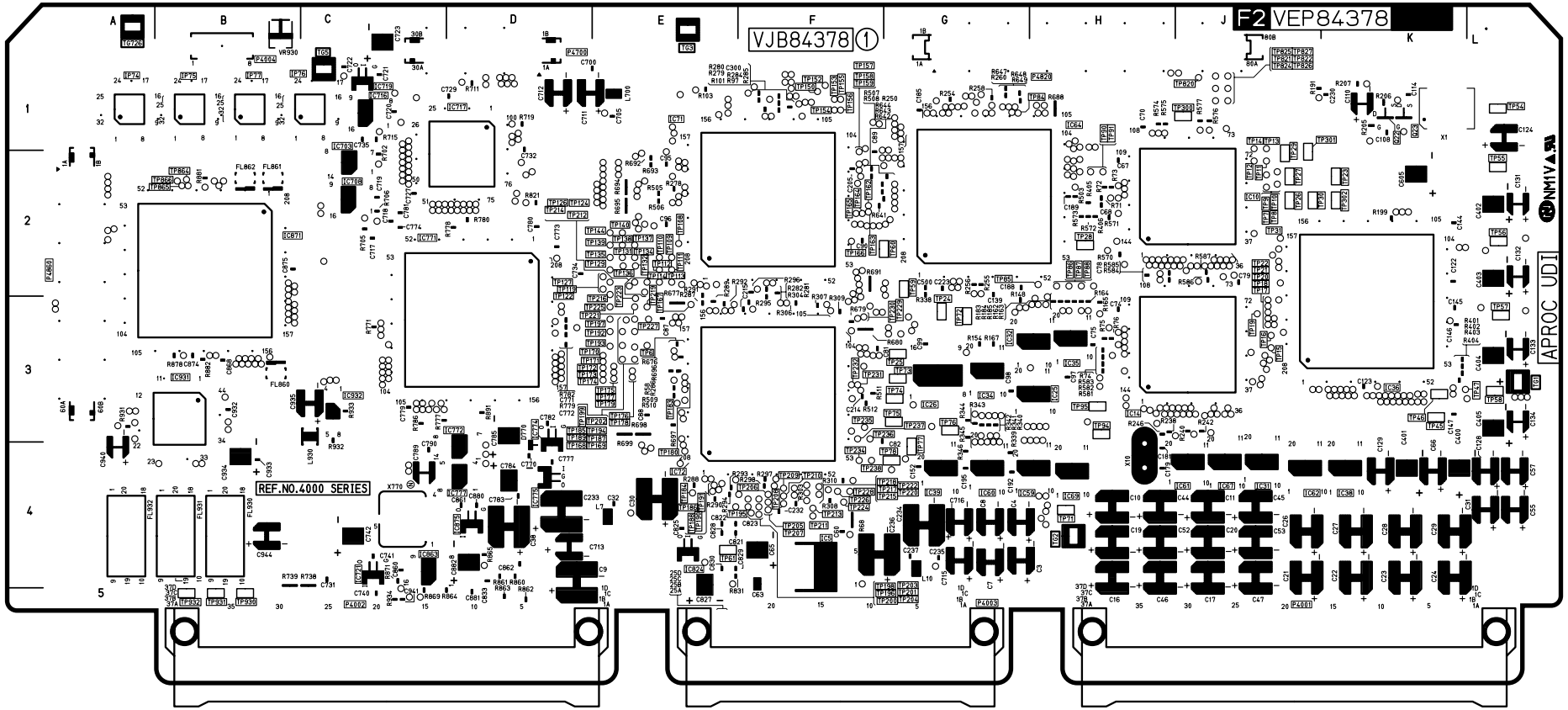
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F2 : APROC UDI P.C.BOARD (VEP84378A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC5	F4	IC69	H4	IC931	B3	TG2	H4	TP20	J3	TP58	L3	TP91	H2	TP134	E2	TP163	F2	TP183	E3	TP202	E3	TP220	F4	TP300	J1
IC10	J2	IC71	E1	IC932	C3	TG3	E1	TP21	J3	TP59	G2	TP94	H3	TP135	E2	TP164	F2	TP184	E3	TP203	F4	TP221	E3	TP301	J2
IC14	J3	IC72	E4	IP74	A1	TG5	C1	TP22	J3	TP60	G2	TP95	H3	TP136	E2	TP165	F2	TP184	E4	TP204	F4	TP222	F4	TP302	K2
IC25	H3	IC703	C2	IP75	B1	TG726	A1	TP24	G3	TP61	E4	TP108	E2	TP137	E2	TP166	F2	TP185	E3	TP205	F4	TP223	E3	TP820	J1
IC26	G3	IC708	C2	IP76	B1	TP6	E3	TP23	K2	TP71	H4	TP109	E2	TP138	E2	TP167	E3	TP186	E4	TP206	F4	TP224	F4	TP821	J1
IC31	J4	IC716	C1	IP77	B1	TP7	J2	TP25	G3	TP72	G3	TP110	E2	TP139	E2	TP168	E3	TP187	E3	TP207	F4	TP225	E3	TP822	J1
IC32	G3	IC717	D1	P198	F4	TP8	J2	TP26	J2	TP73	G3	TP111	E2	TP140	E2	TP169	E3	TP188	E4	TP208	F4	TP226	F4	TP824	J1
IC34	G3	IC719	C1	P4001	J5	TP9	J2	TP27	J2	TP74	G3	TP112	E2	TP144	E2	TP170	E3	TP189	E3	TP209	F4	TP227	E3	TP825	J1
IC35	H3	IC721	C4	P4002	C5	TP10	J2	TP28	H2	TP75	G3	TP113	E2	TP150	F1	TP171	E3	TP190	E4	TP210	F4	TP229	F3	TP826	J1
IC36	K3	IC771	D3	P4003	G5	TP11	J2	TP29	J2	TP76	G3	TP114	E2	TP152	F1	TP172	E3	TP191	E4	TP211	F4	TP229	F4	TP827	J1
IC38	K4	IC772	D3	P4004	B1	TP12	J2	TP30	J2	TP77	G4	TP119	E2	TP153	F1	TP173	E3	TP192	E3	TP212	E2	TP230	F3	TP864	B2
IC39	G4	IC774	D3	P4700	D1	TP13	J1	TP31	J2	TP78	G4	TP122	E2	TP154	F1	TP174	E3	TP193	E3	TP213	F4	TP231	F3	TP865	B2
IC59	G4	IC775	D4	P4820	H1	TP14	J1	TP46	K3	TP84	H1	TP124	E2	TP155	F1	TP175	E3	TP195	E4	TP214	E2	TP232	F3	TP866	B2
IC60	G4	IC777	D4	P4860	A2	TP15	J3	TP47	L3	TP85	H2	TP126	E2	TP156	F1	TP176	E3	TP196	F4	TP215	F4	TP234	F4	TP930	B5
IC61	H4	IC824	E4	Q22	K1	TP16	J3	TP54	L1	TP86	H2	TP127	E2	TP157	F1	TP177	E3	TP197	E3	TP216	E3	TP235	F3	TP931	B5
IC62	J4	IC863	C4	Q23	K1	TP17	J3	TP55	L2	TP87	H2	TP129	E2	TP158	F1	TP178	E3	TP199	E3	TP217	F4	TP236	F3	TP932	B5
IC64	H1	IC871	B2	T45	K3	TP18	J3	TP56	L2	TP88	H2	TP131	E2	TP159	F1	TP179	E3	TP200	F4	TP218	F4	TP237	F3	VR930	B1
IC67	J4	IC875	D4	TG1	L3	TP19	J3	TP57	L3	TP90	H2	TP132	E2	TP162	F2	TP180	E3	TP201	F4	TP219	E3	TP238	F4		

CBA-4



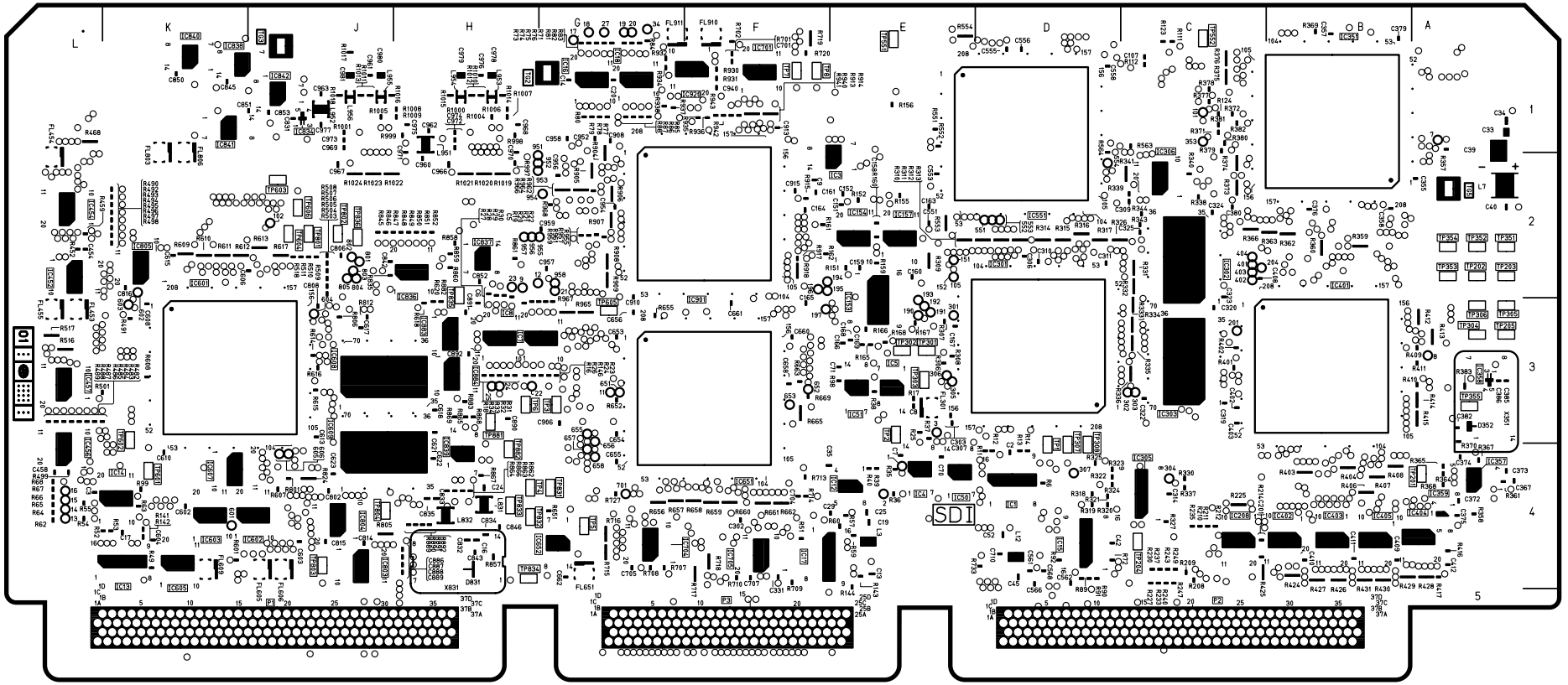
(COMPONENT SIDE)

F3 : SDI P.C.BOARD (VEP83584A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	C4	IC301	D2	IC457	L3	IC805	K2	TG3	J1	TP303	E3	TP605	J2
IC3	E2	IC302	C2	IC551	D1	IC834	J1	TG5	A2	TP304	A3	TP605	G3
IC4	E4	IC303	C3	IC601	K3	IC836	H2	TP1	D3	TP305	A3	TP801	J2
IC5	E3	IC305	C4	IC602	J4	IC837	H2	TP2	E3	TP306	A3	TP802	J2
IC8	H3	IC306	C2	IC603	K4	IC838	K1	TP3	G3	TP307	D3	TP803	J4
IC12	E4	IC351	B1	IC605	K4	IC839	H4	TP4	H4	TP308	D3	TP804	J4
IC13	K4	IC357	A4	IC607	K4	IC840	K1	TP5	G4	TP351	A2	TP831	G4
IC14	K4	IC358	A3	IC608	J3	IC841	K1	TP6	H3	TP352	A2	TP832	H4
IC15	C4	IC359	A4	IC609	J3	IC842	J1	TP7	F1	TP353	A2	TP833	H4
IC18	G1	IC401	B3	IC651	F3	IC883	H3	TP8	F1	TP354	A2	TP834	H4
IC17	E4	IC402	B4	IC652	G4	IC884	H3	TP201	A4	TP355	A3	TP835	H2
IC50	E4	IC403	B4	IC701	F1	IC901	F2	TP202	A2	TP551	E1	TP836	J2
IC51	E3	IC404	A4	IC701	H3	IC920	F1	TP203	A2	TP552	D1	TP881	H3
IC153	E3	IC405	B4	IC704	G4	P1	J5	TP204	C4	TP601	K4	TP882	H4
IC154	E2	IC452	L2	IC705	F4	P2	C5	TP205	A3	TP602	K3		
IC157	E2	IC454	L2	IC803	J4	P3	F5	TP301	E3	TP603	J2		
IC208	C4	IC456	L4	IC804	J4	TG2	G1	TP302	E3	TP604	J2		

CBA-5

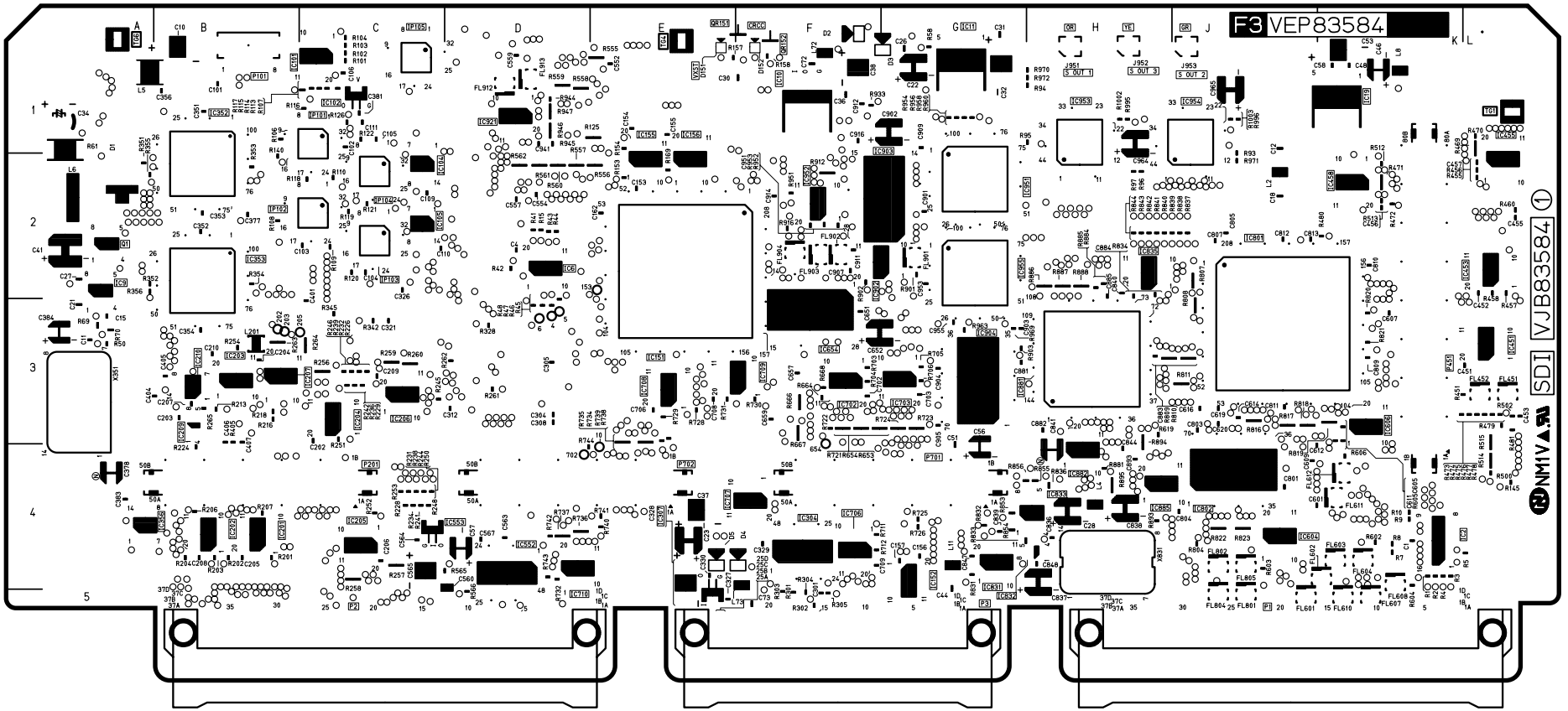


(FOIL SIDE)

F3 : SDI P.C.BOARD (VEP83584A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2	K4	IC203	B3	IC553	D4	IC882	H4	P201	C4
IC6	D2	IC204	C3	IC604	J4	IC885	H4	P201	C5
IC8	J2	IC205	C4	IC606	K3	IC902	G2	P451	K3
IC9	A2	IC206	C3	IC654	F3	IC903	G2	P701	G4
IC10	F1	IC207	B3	IC702	F3	IC904	G3	P702	E4
IC11	G1	IC209	B3	IC703	G3	IC921	D1	Q1	A2
IC19	K1	IC210	B3	IC706	E3	IC951	G2	QR151	E1
IC101	C1	IC304	F4	IC706	F4	IC952	F2	QR152	F1
IC102	C1	IC307	E4	IC707	F4	IC953	H1	TG1	L1
IC104	C2	IC352	B1	IC709	F3	IC954	J1	TG4	E1
IC105	C2	IC353	B2	IC710	D4	IC955	G2	TG6	A1
IC151	E2	IC356	A4	IC802	J4	IP102	C2	TP101	C1
IC152	G4	IC451	L3	IC831	G4	IP104	C2	TP103	C2
IC155	E1	IC453	L2	IC832	H4	IP105	C1		
IC156	E1	IC455	L1	IC833	H4	P1	J5		
IC201	B4	IC458	K2	IC835	H2	P3	G5		
IC202	B4	IC552	D4	IC881	H3	P101	B1		



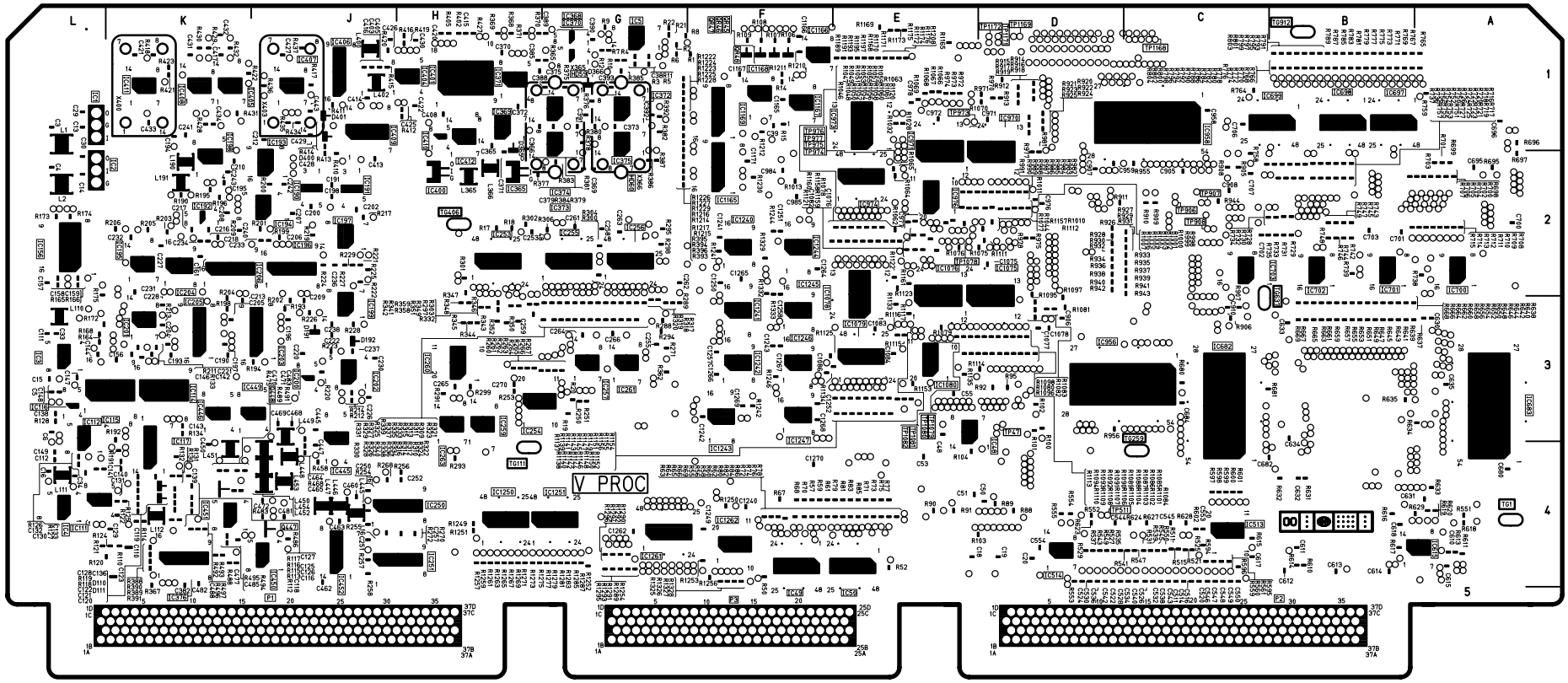
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F4 : V PROC P.C.BOARD (VEP83465C)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	L-1	IC156	L-2	IC203	J-3	IC263	H-4	IC405	J-2	IC513	C-4	IC970	D-1	IC1169	F-1	P2	B-5	TP47	D-3	TP1082	E-3
IC2	K-2	IC190	J-2	IC204	K-2	IC365	H-2	IC406	J-1	IC514	D-4	IC971	E-1	IC1240	F-2	P3	F-5	TP511	D-4	TP1168	C-1
IC3	L-3	IC191	J-2	IC205	K-3	IC368	G-1	IC407	J-1	IC615	A-4	IC973	E-1	IC1241	F-3	Q447	J-4	TP906	C-2	TP1169	D-1
IC4	L-4	IC192	K-2	IC206	J-2	IC369	H-1	IC408	K-1	IC682	C-3	IC974	E-2	IC1242	F-3	Q448	J-3	TP907	C-2	TP1171	D-1
IC5	G-1	IC193	J-1	IC250	H-4	IC370	G-1	IC409	J-1	IC683	A-3	IC976	E-2	IC1243	F-3	QR45	F-1	TP908	C-2	TP1172	D-1
IC48	E-3	IC194	J-2	IC251	H-4	IC371	H-1	IC410	H-1	IC697	B-1	IC1075	D-2	IC1244	F-2	QR46	F-1	TP973	E-1		
IC49	F-4	IC195	K-2	IC253	H-2	IC372	G-1	IC411	K-1	IC698	B-1	IC1076	E-2	IC1245	F-2	QR47	F-1	TP974	E-1		
IC50	E-4	IC196	J-2	IC254	H-3	IC373	G-2	IC412	H-2	IC699	B-1	IC1078	E-2	IC1246	F-3	QR48	F-1	TP975	E-1		
IC111	L-4	IC197	J-2	IC255	G-2	IC374	G-2	IC445	J-4	IC700	A-2	IC1079	E-3	IC1247	F-3	TG1	A-4	TP976	E-1		
IC112	L-3	IC198	K-1	IC256	G-2	IC375	G-2	IC446	K-3	IC701	B-2	IC1080	E-3	IC1250	H-4	TG111	H-4	TP977	E-1		
IC114	K-3	IC199	J-3	IC257	G-3	IC376	K-5	IC449	J-3	IC702	B-2	IC1165	F-2	IC1251	G-4	TG259	C-3	TP1078	E-2		
IC115	K-3	IC200	J-3	IC259	H-3	IC400	H-2	IC450	J-4	IC703	C-2	IC1166	F-1	IC1261	G-4	TG406	H-2	TP1079	E-3		
IC116	L-3	IC201	K-3	IC260	H-3	IC401	H-1	IC451	K-4	IC956	D-3	IC1167	F-1	IC1262	F-4	TG637	B-2	TP1080	E-3		
IC117	K-4	IC202	J-3	IC261	G-3	IC404	H-1	IC452	J-4	IC958	C-1	IC1168	F-1	P1	J-5	TG912	B-1	TP1081	E-3		

CBA-7

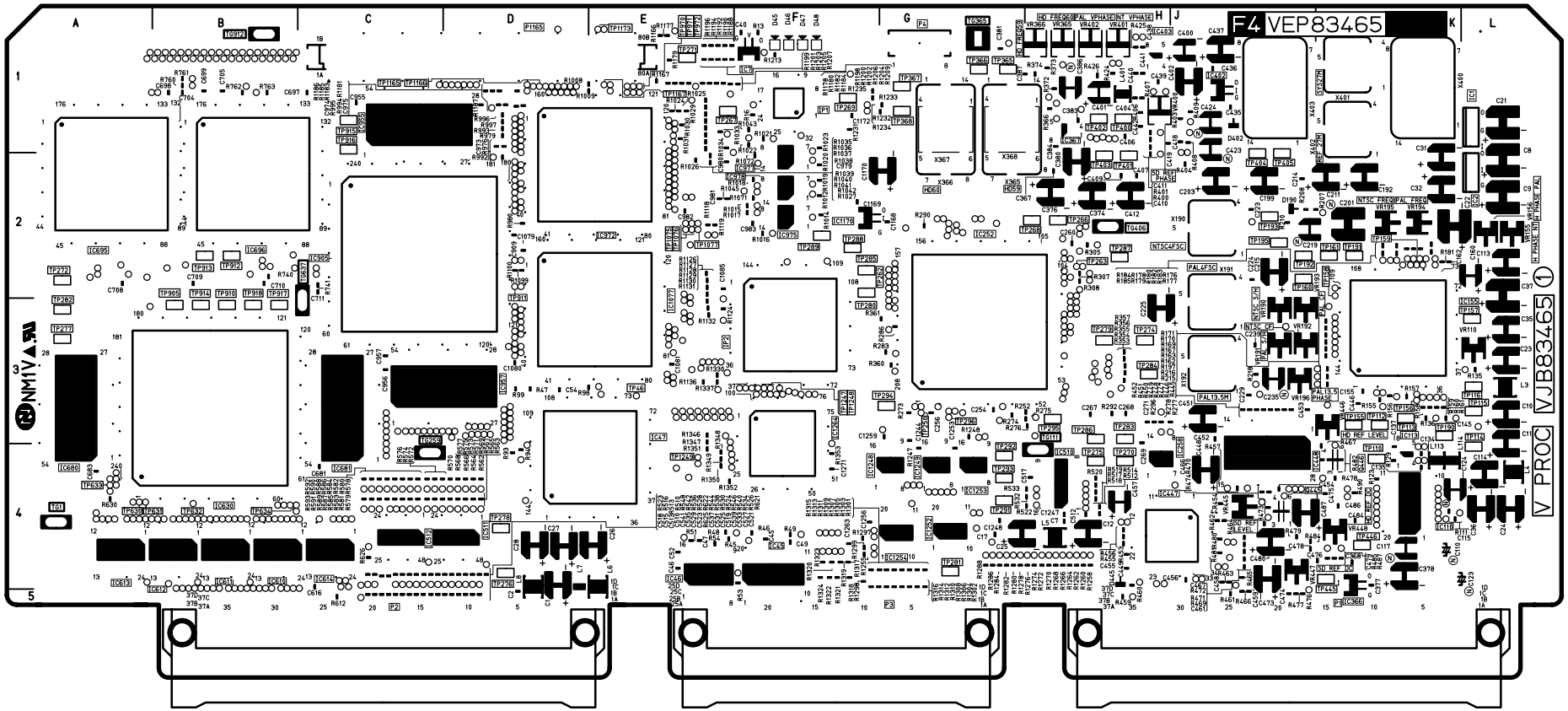


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F4 : V PROC P.C.BOARD (VEP83465C)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	L-1	IC403	H-1	IC695	A-2	IC1253	G-4	TG259	C-3	TP157	L-3	TP267	E-1	TP282	A-3	TP365	G-1	TP632	B-4	TP971	E-1	VR156	L-2	VR446	K-3
IC2	L-2	IC447	J-4	IC696	B-2	IC1254	G-4	TG365	G-1	TP158	K-2	TP268	H-2	TP283	H-3	TP366	G-1	TP633	A-4	TP972	E-1	VR190	J-3	VR447	J-4
IC7	F-1	IC448	J-4	IC905	C-2	IC1264	F-3	TG406	H-2	TP159	K-2	TP269	F-1	TP284	H-3	TP367	G-1	TP634	B-4	TP1075	E-2	VR191	J-3	VR448	K-4
IC45	F-4	IC510	H-4	IC955	C-1	IP1	F-1	TG637	C-2	TP160	J-2	TP270	H-4	TP285	F-2	TP368	G-1	TP905	B-2	TP1076	E-2	VR192	J-3		
IC46	E-4	IC511	D-4	IC957	D-3	IP2	E-3	TG912	B-1	TP161	K-2	TP271	E-1	TP286	H-3	TP400	H-1	TP910	B-2	TP1077	E-2	VR193	J-3		
IC47	E-3	IC512	C-4	IC972	E-2	P1	K-5	TP46	E-3	TP190	K-3	TP272	A-2	TP287	H-2	TP401	H-2	TP911	D-2	TP1165	C-1	VR194	K-2		
IC110	K-4	IC610	B-4	IC975	F-2	P2	C-5	TP110	K-4	TP191	K-2	TP274	H-3	TP288	F-2	TP402	H-1	TP912	B-2	TP1166	D-1	VR195	K-2		
IC113	K-3	IC611	B-4	IC977	F-2	P3	G-5	TP112	K-3	TP192	J-2	TP275	H-4	TP289	F-2	TP403	H-2	TP913	B-2	TP1167	E-1	VR196	J-3		
IC155	L-3	IC612	B-4	IC978	F-2	P4	G-1	TP113	K-3	TP193	J-2	TP276	D-4	TP291	G-4	TP404	J-2	TP914	B-2	TP1173	E-1	VR365	H-1		
IC252	G-2	IC613	A-4	IC1077	E-2	P1165	D-1	TP114	L-3	TP195	J-2	TP277	A-3	TP292	G-4	TP405	J-2	TP915	C-1	TP1247	F-3	VR366	H-1		
IC258	J-4	IC614	C-4	IC1170	F-2	Q445	J-4	TP115	L-3	TP250	G-3	TP278	D-4	TP293	G-4	TP445	K-4	TP916	C-1	TP1248	F-3	VR400	J-1		
IC366	K-5	IC630	B-4	IC1248	F-4	Q446	K-4	TP116	L-3	TP262	F-2	TP279	H-3	TP294	G-3	TP446	K-4	TP917	B-2	TP1249	E-4	VR401	H-1		
IC367	H-1	IC680	A-4	IC1249	G-4	TG1	A-4	TP155	K-3	TP263	H-2	TP280	F-3	TP295	H-3	TP630	A-4	TP918	B-2	VR110	L-3	VR402	H-1		
IC402	J-1	IC681	C-4	IC1252	G-4	TG111	H-3	TP156	K-3	TP266	H-2	TP281	G-4	TP296	G-3	TP631	A-4	TP970	E-1	VR155	L-2	VR445	J-4		



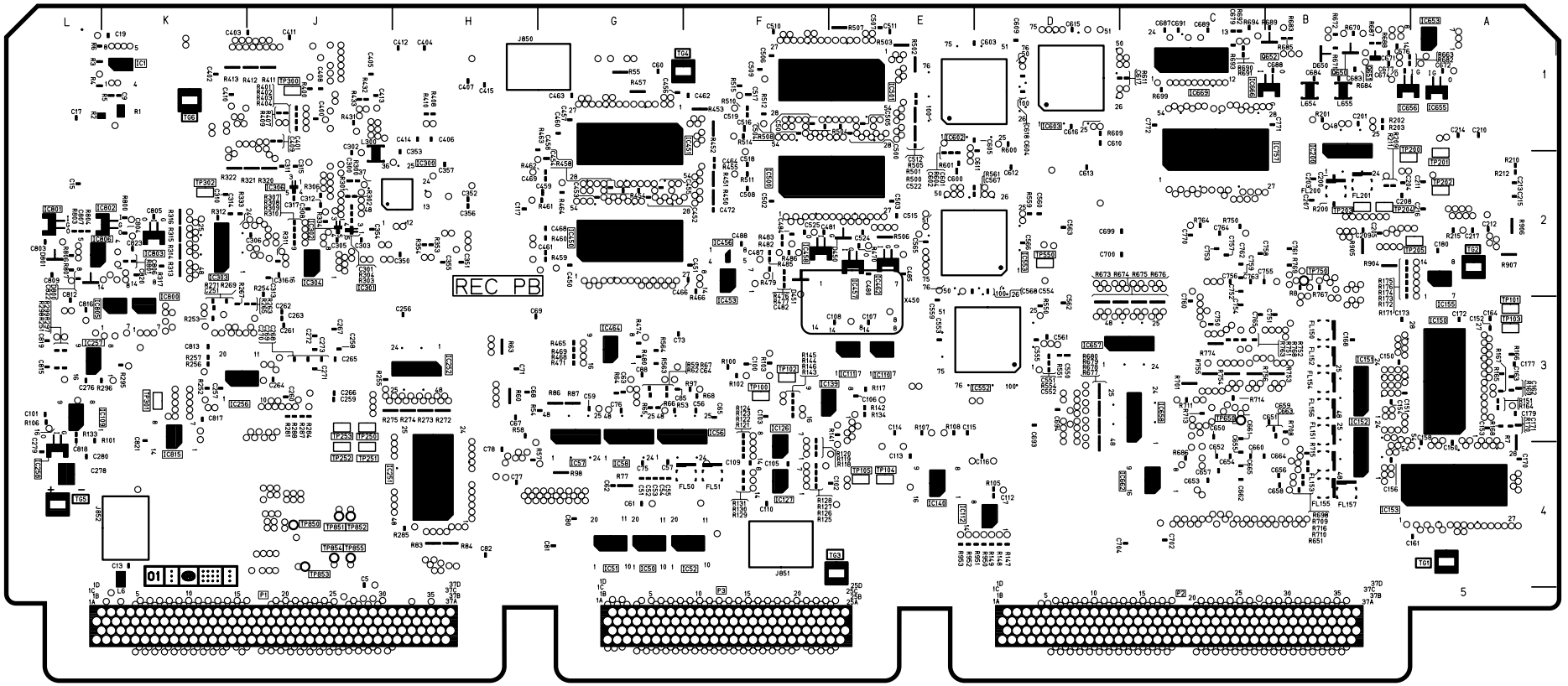
(COMPONENT SIDE)

F5 : REC PB P.C.BOARD (VEP83580A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
G652	B1	IC151	B3	IC451	G1	IC658	C3	TG1	A4	TP205	A2
IC1	K1	IC152	B4	IC453	F2	IC662	C4	TG2	A2	TP250	J3
IC50	G4	IC153	A4	IC456	F2	IC666	B1	TG3	E4	TP251	J4
IC51	G4	IC155	A2	IC457	E2	IC669	C1	TG4	F1	TP252	J4
IC52	F4	IC200	B1	IC458	F2	IC757	C1	TG5	L4	TP253	J3
IC56	F3	IC251	H4	IC462	E2	IC800	K3	TG6	K1	TP300	J1
IC57	G3	IC252	H3	IC464	G3	IC801	L2	TP100	F3	TP301	K3
IC58	G3	IC256	K3	IC500	F2	IC802	L2	TP101	A3	TP302	K2
IC109	L3	IC257	L3	IC501	E1	IC803	K2	TP102	F3	TP550	D2
IC110	E3	IC258	L4	IC552	D3	IC805	K3	TP103	A3	TP650	C3
IC111	E3	IC300	H2	IC553	D2	IC806	L2	TP104	E4	TP750	B2
IC112	D4	IC301	J2	IC602	E1	IC815	K3	TP105	E4	TP850	J4
IC126	F4	IC302	J2	IC603	D1	P1	J5	TP200	A2	TP851	J4
IC127	F4	IC303	K2	IC653	A1	P2	C5	TP201	A2	TP852	J4
IC139	F3	IC304	J2	IC655	A1	P3	F5	TP202	A2	TP853	J4
IC140	E4	IC306	J2	IC656	A1	Q650	B1	TP203	B2	TP854	J4
IC150	A3	IC450	G2	IC657	C3	Q651	B1	TP204	B2	TP855	J4

CBA-9

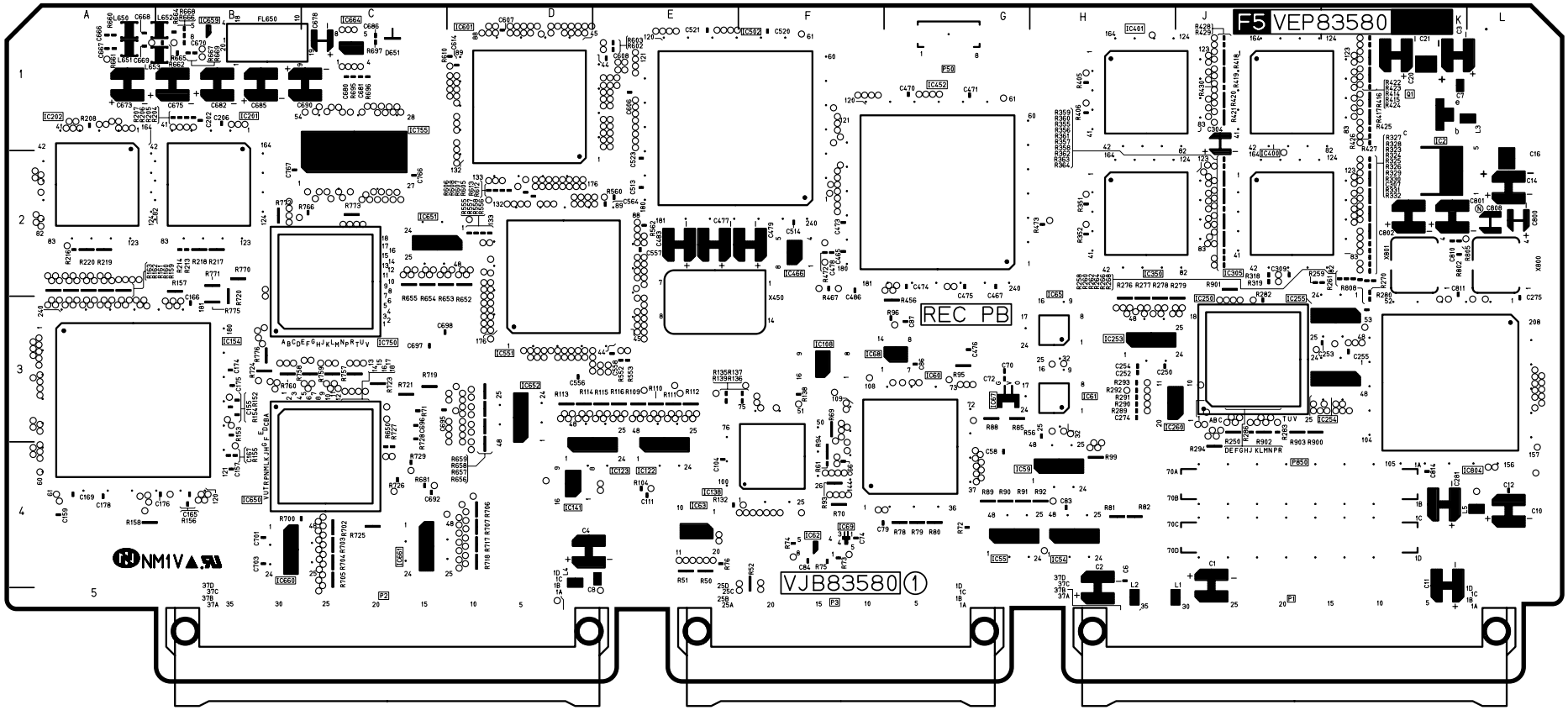


(FOIL SIDE)

F5 : REC PB P.C.BOARD (VEP83580A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC
IC2	K1	IC201	B2	IC650	C4
IC54	H4	IC202	A2	IC651	C2
IC59	H4	IC250	J3	IC652	D3
IC60	G3	IC253	H3	IC659	B2
IC61	H3	IC254	K3	IC660	B4
IC62	F4	IC255	K3	IC661	C4
IC63	E4	IC260	H3	IC664	C1
IC65	H3	IC305	J2	IC750	C2
IC67	G3	IC350	H2	IC755	C1
IC68	G3	IC400	J1	IC804	K3
IC69	F4	IC401	H1	P1	J5
IC108	F3	IC452	G2	P2	C5
IC122	E4	IC466	F2	P3	F5
IC123	E4	IC502	F1	P50	G1
IC138	F4	IC551	D2	P850	J4
IC141	D4	IC551	G4	Q1	K1
IC154	A3	IC601	D1		



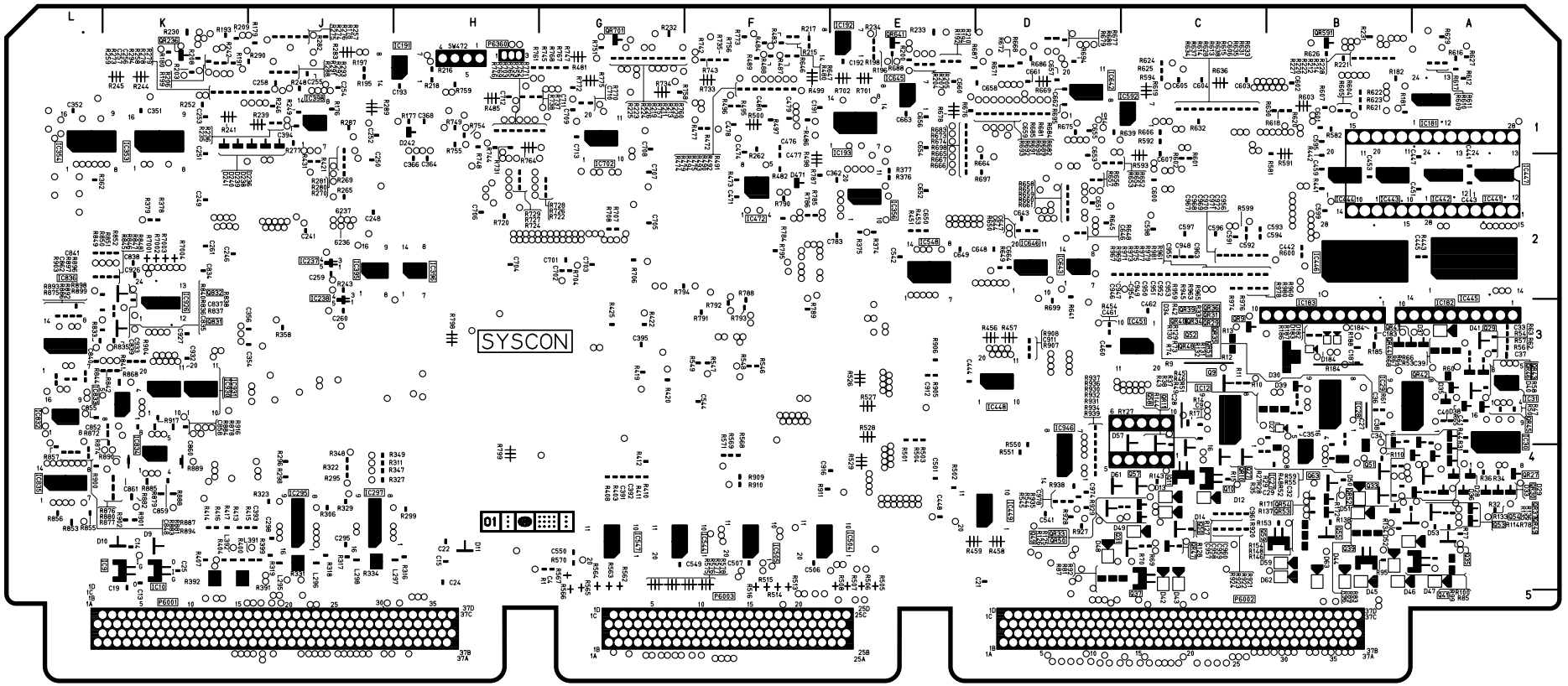
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F6 : SYSCON P.C.BOARD (VEP86318A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC9	K4	IC297	J4	IC472	F2	IC926	K3	Q39	B4	QR11	C3	QR46	A3
IC10	K4	IC353	K1	IC504	F4	IC930	K3	Q41	A4	QR27	A4	QR47	C4
IC12	C3	IC354	L1	IC505	F4	IC931	K3	Q49	D4	QR29	C3	QR48	C3
IC27	B4	IC356	E2	IC544	G4	IC946	D4	Q50	C4	QR30	A4	QR49	A4
IC28	B3	IC395	J2	IC547	G4	P6001	K5	Q51	B4	QR31	C3	QR50	D4
IC29	B3	IC396	H2	IC548	E2	P6002	C5	Q52	C3	QR33	D4	QR51	C3
IC30	A4	IC398	J1	IC592	C1	P6003	F5	Q53	A4	QR34	C3	QR53	B4
IC31	A3	IC441	A2	IC642	D1	P6360	H1	Q54	A4	QR35	C3	QR54	B4
IC181	A1	IC442	A2	IC643	D2	Q9	C3	Q55	B4	QR36	C3	QR236	K1
IC182	A3	IC443	B2	IC645	E1	Q10	C4	Q57	C4	QR37	A4	QR591	B1
IC183	B3	IC444	B2	IC646	D2	Q11	C4	Q58	C3	QR39	C3	QR641	E1
IC191	H1	IC445	A2	IC702	G1	Q27	C4	Q59	B4	QR40	C3	QR701	G1
IC192	E1	IC446	B2	IC832	L3	Q29	A3	Q63	B4	QR41	A3		
IC193	E1	IC447	A2	IC833	K3	Q31	D4	Q831	K3	QR42	A3		
IC237	J2	IC448	D3	IC834	K4	Q33	B4	Q832	K2	QR43	A3		
IC238	J2	IC449	D4	IC835	L4	Q35	A4	QR9	C3	QR44	B3		
IC295	J4	IC451	C3	IC836	L3	Q37	C4	QR10	C4	QR45	A3		

CBA-11



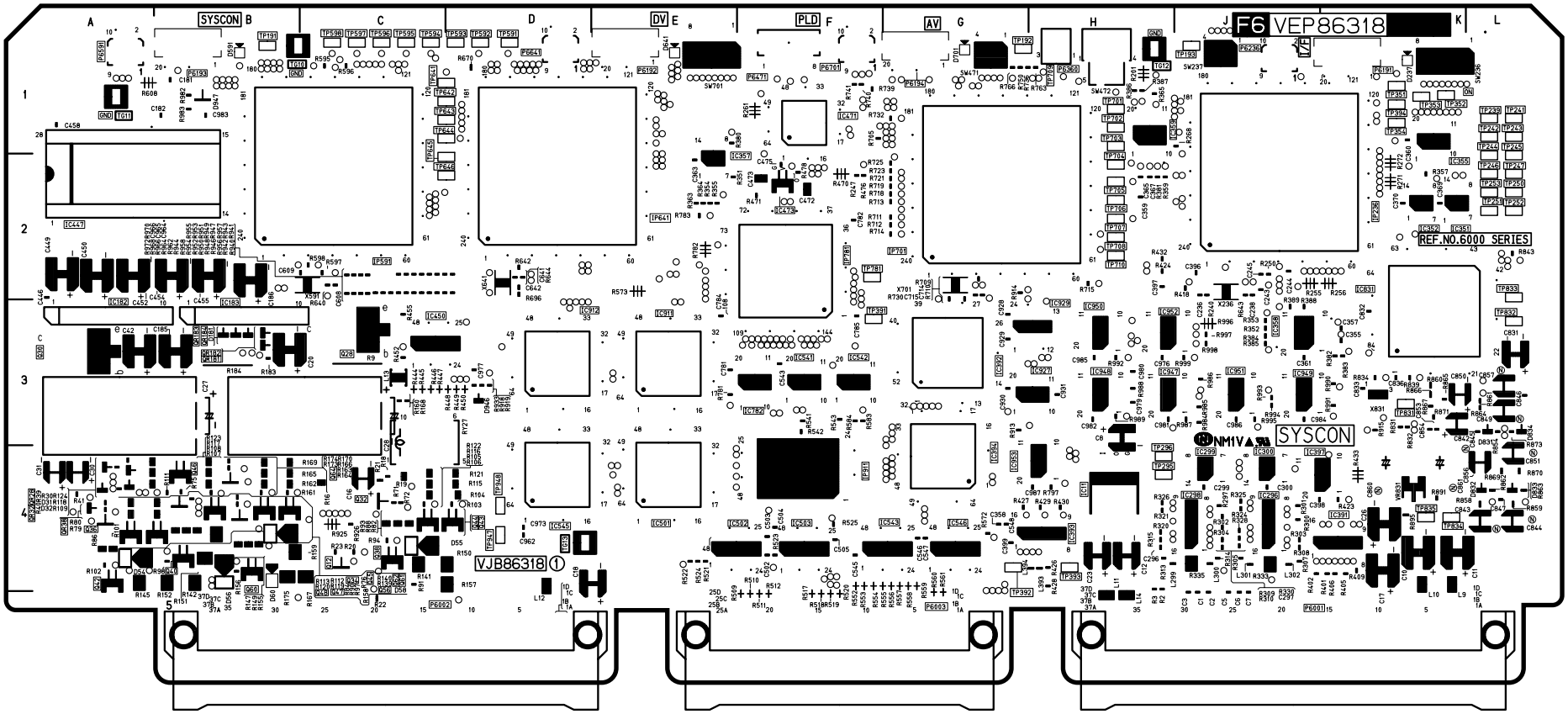
(FOIL SIDE)

F6 : SYSCON P.C.BOARD (VEP86318A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC11	H4	IC394	G4	IC927	H3	P6003	G5	Q38	C4	QR182	A4	TP247	L2	TP593	D1	TP706	H2
IC182	A3	IC447	A2	IC929	H3	P6191	K1	Q40	B4	QR183	A4	TP250	L2	TP594	C1	TP707	H2
IC183	B3	IC450	C3	IC947	H3	P6192	E1	Q42	A4	QR184	A4	TP251	L2	TP595	C1	TP708	H2
IC296	J4	IC471	F1	IC948	H3	P6193	B1	Q43	D4	TG10	B1	TP252	L2	TP596	C1	TP709	H1
IC298	J4	IC473	F2	IC949	J3	P6194	G1	Q44	D4	TG11	A1	TP253	L2	TP597	C1	TP710	H2
IC299	J4	IC501	E4	IC950	H3	P6236	J1	Q45	C4	TG12	H1	TP295	H4	TP598	C1	TP781	F2
IC300	J4	IC502	F4	IC951	J3	P6360	H1	Q46	B4	TG13	D4	TP296	H4	TP624	C1	TP831	K3
IC351	K2	IC503	F4	IC952	H3	P6471	F1	Q47	C4	TP191	B1	TP351	K1	TP641	C1	TP832	L3
IC352	K2	IC541	F3	IC953	H4	P6591	A1	Q48	C4	TP192	G1	TP352	K1	TP643	C1	TP833	L2
IC355	K1	IC542	F3	IP236	K2	P6641	D1	Q56	C4	TP193	J1	TP353	K1	TP644	C1	TP834	K4
IC357	E2	IC543	G4	IP591	C2	P6701	F1	Q60	B4	TP239	L1	TP354	K1	TP645	D2	TP835	K4
IC358	J3	IC545	D4	IP641	E2	Q12	C4	Q61	C4	TP241	L1	TP391	F3	TP646	D2	TP947	D4
IC359	H1	IC546	G4	IP701	G2	Q28	C3	Q62	C4	TP242	L1	TP392	G4	TP701	H1	TP948	D4
IC387	K4	IC782	F3	IP781	F2	Q30	A3	QR28	B3	TP243	L1	TP393	H4	TP702	H1		
IC391	K4	IC831	K2	IP911	F4	Q32	C4	QR32	B3	TP244	L1	TP394	K1	TP703	H1		
IC392	G3	IC911	E3	P6001	J5	Q34	C4	QR38	B3	TP245	L1	TP591	D1	TP704	H2		
IC393	H4	IC912	D3	P6002	C5	Q36	A4	QR181	B3	TP246	L2	TP592	D1	TP705	H2		

CBA-12

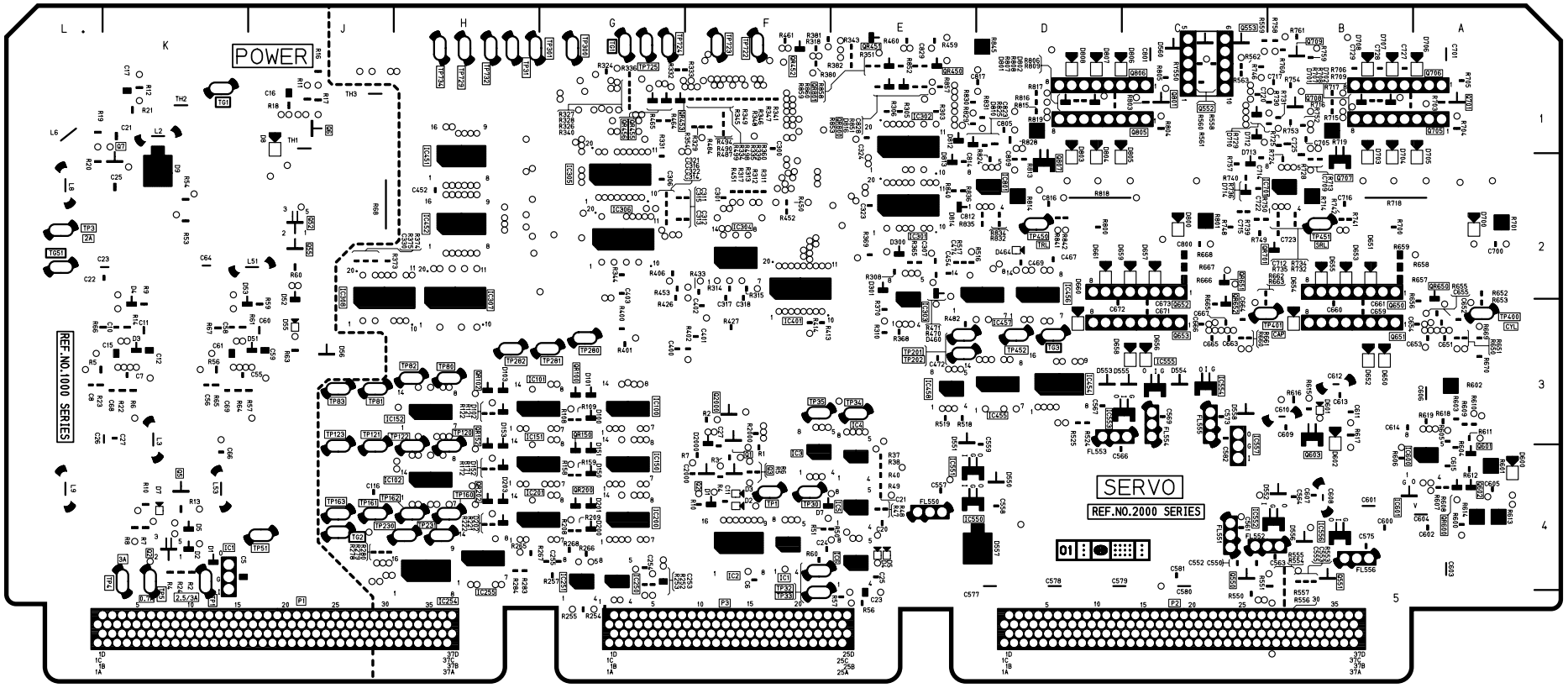


(COMPONENT SIDE)

F7 : SERVO P.C.BOARD (VEP82242A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1001	K4	IC2251	G4	IC2458	E3	Q1005	K4	Q2651	B3	QR2200	G4	TG2001	G1	TP2083	J3	TP2300	G1
IC2001	F4	IC2255	H4	IC2550	D4	Q1006	KJ1	Q2653	C3	QR2202	H4	TG2002	J4	TP2120	H4	TP2301	H1
IC2002	F4	IC2301	E2	IC2551	E4	Q1007	K1	Q2656	C3	QR2450	E1	TG2003	D3	TP2121	J3	TP2400	A3
IC2003	F4	IC2302	E1	IC2552	B4	Q1052	J2	Q2701	A1	QR2451	E1	TP1001	K4	TP2122	H4	TP2401	B3
IC2004	E3	IC2303	E3	IC2553	D3	Q1055	J2	Q2705	A1	QR2452	F1	TP1003	L1	TP2123	J3	TP2450	D2
IC2005	E4	IC2304	F2	IC2554	C3	Q2000	F3	Q2706	A1	QR2453	G1	TP1004	K4	TP2160	H4	TP2451	B2
IC2006	E4	IC2305	G2	IC2555	C3	Q2001	F4	Q2707	B2	QR2455	G1	TP1005	K4	TP2161	J4	TP2452	D3
IC2100	G3	IC2306	G2	IC2556	B4	Q2002	F4	Q2708	B1	QR2456	G1	TP1005	J4	TP2162	H4	TP2722	F1
IC2101	H3	IC2307	H3	IC2557	C3	Q2003	F4	Q2709	B1	QR2600	A4	TP2001	F4	TP2163	J4	TP2723	F1
IC2102	H4	IC2308	J3	IC2600	A4	Q2550	C4	Q2801	C1	QR2650	A3	TP2030	F4	TP2201	E3	TP2724	G1
IC2150	G4	IC2401	F3	IC2601	B4	Q2551	B4	Q2805	C1	QR2651	C2	TP2031	H1	TP2202	E3	TP2725	G1
IC2151	H4	IC2451	H2	IC2701	B2	Q2552	C1	Q2806	C1	QR2652	C3	TP2033	F5	TP2230	J4	TP2729	H1
IC2152	H3	IC2452	H2	IC2801	D2	Q2553	C1	Q2807	D2	QR2701	B2	TP2034	E3	TP2231	H4	TP2732	H1
IC2200	G4	IC2454	D3	P1001	J5	Q2601	A4	QR2100	G3	QR2800	E1	TP2035	F3	TP2232	F4	TP2734	H1
IC2201	H4	IC2455	D3	P2002	C5	Q2602	A4	QR2102	H3	QR2801	E1	TP2080	H3	TP2280	G3		
IC2250	G4	IC2456	D3	P2003	F5	Q2603	B3	QR2150	G4	TG1001	K1	TP2081	J3	TP2281	G3		
IC2251	H4	IC2457	D3	Q1002	K4	Q2650	B3	QR2152	H4	TG1051	L1	TP2082	H3	TP2282	H3		

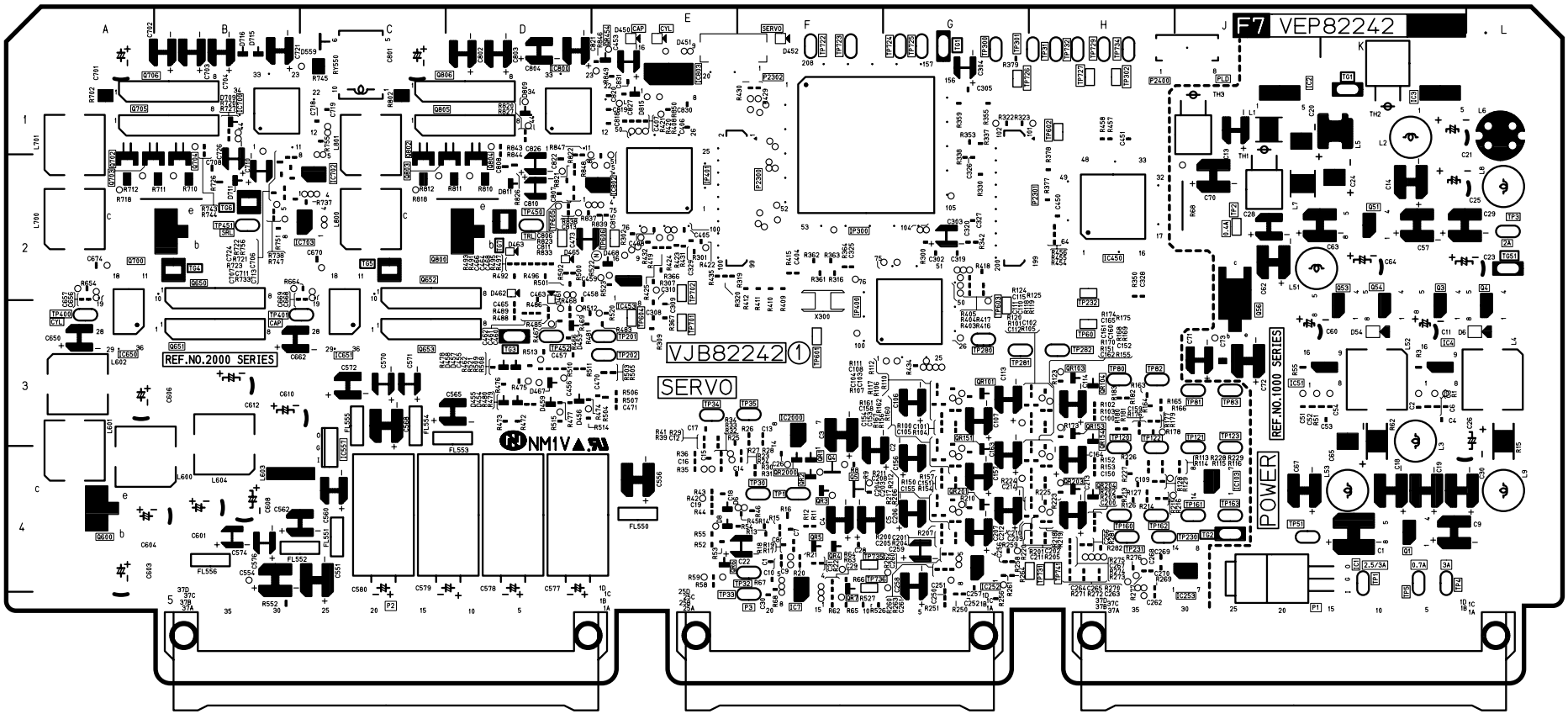


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F7 : SERVO P.C.BOARD (VEP82242A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1001	K4	IC2703	C2	Q1051	K2	Q2800	D2	QR2151	G3	TP1002	J2	TP2121	J3	TP2302	H1	TP2725	G1
IC1002	J1	IC2800	D1	Q1053	K2	Q2802	C1	QR2153	H3	TP1003	L2	TP2122	H3	TP2400	A3	TP2726	G1
IC1003	K1	IC2802	E2	Q1054	K2	Q2803	D2	QR2154	H3	TP1004	K4	TP2123	J3	TP2401	B3	TP2727	H1
IC1004	K3	IC2803	E1	Q1056	J3	Q2804	D2	QR2201	G4	TP1005	K4	TP2160	H4	TP2450	D2	TP2729	H1
IC1051	J3	IP2300	F2	Q2004	F4	Q2805	D1	QR2203	H4	TP1051	J4	TP2161	J4	TP2451	B2	TP2731	H4
IC2000	F3	IP2400	G3	Q2005	F4	Q2806	D1	QR2204	H4	TP2001	F4	TP2162	H4	TP2452	D3	TP2732	H1
IC2007	F4	IP2401	E2	Q2600	A4	QR2000	F4	QR2454	E1	TP2030	F4	TP2163	J4	TP2601	F3	TP2734	H1
IC2103	J4	P2001	J5	Q2650	B2	QR2001	F4	TG1001	K1	TP2031	H1	TP2201	E3	TP2602	H1	TP2735	F4
IC2252	G4	P2002	C5	Q2651	B3	QR2002	F4	TG1051	L2	TP2032	F4	TP2202	E3	TP2603	G3	TP2736	F4
IC2253	J4	P2003	F5	Q2652	C2	QR2003	F4	TG2001	G1	TP2033	F5	TP2230	J4	TP2604	E3	TP2741	H4
IC2450	H2	P2300	F2	Q2653	C3	QR2004	F4	TG2002	J4	TP2034	E3	TP2231	H4	TP2605	D2	TP282	H3
IC2453	E3	P2301	G2	Q2700	A1	QR2005	F4	TG2003	D3	TP2035	F3	TP2232	H2	TP2606	E2		
IC2557	C4	P2302	F1	Q2702	A1	QR2006	F4	TG2004	B2	TP2060	H3	TP2280	G3	TP2701	E3		
IC2650	A3	P2400	J1	Q2703	A1	QR2007	F5	TG2005	C2	TP2080	H3	TP2281	G3	TP2702	E2		
IC2651	C3	Q1001	K4	Q2704	B2	QR2101	G3	TG2006	B2	TP2081	J3	TP2282	H3	TP2722	F1		
IC2700	B1	Q1003	K2	Q2705	B1	QR2103	H3	TG2007	D2	TP2083	J3	TP2300	G1	TP2723	F1		
IC2702	C2	Q1004	L2	Q2706	B1	QR2104	H3	TP1001	K4	TP2120	H3	TP2301	G1	TP2724	G1		

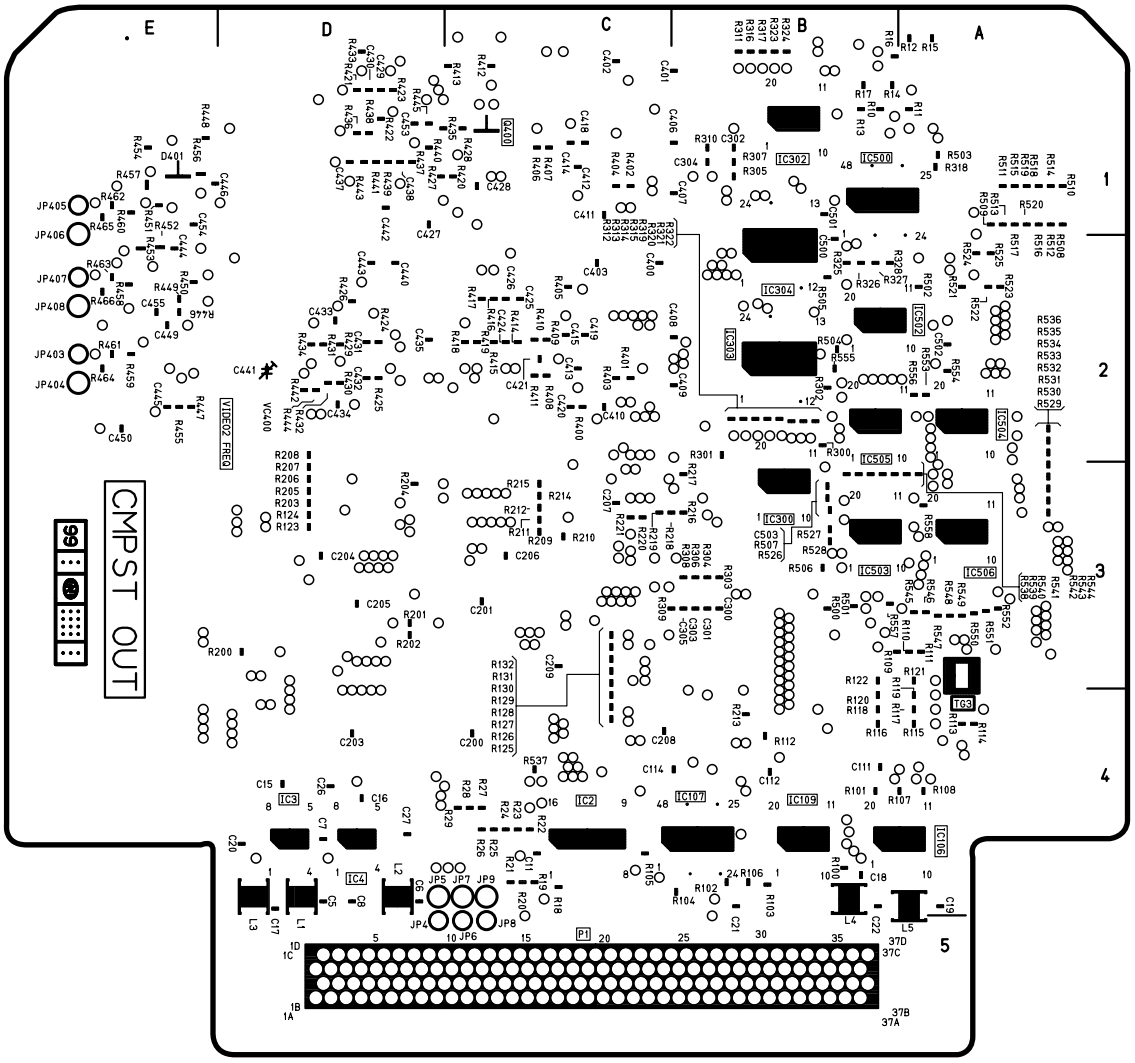


(COMPONENT SIDE)

H1 : CMPST OUT P.C.BOARD (VEP83467C)

FOIL SIDE

REF	LOC
IC2	C-4
IC3	D-4
IC4	D-4
IC106	A-4
IC107	B-4
IC109	B-4
IC300	B-3
IC302	B-1
IC303	B-2
IC304	B-2
IC500	B-1
IC502	A-2
IC503	B-3
IC504	A-2
IC505	B-2
IC506	A-3
PI	C-5
Q400	C-1
TG3	A-4
VC400	D-2

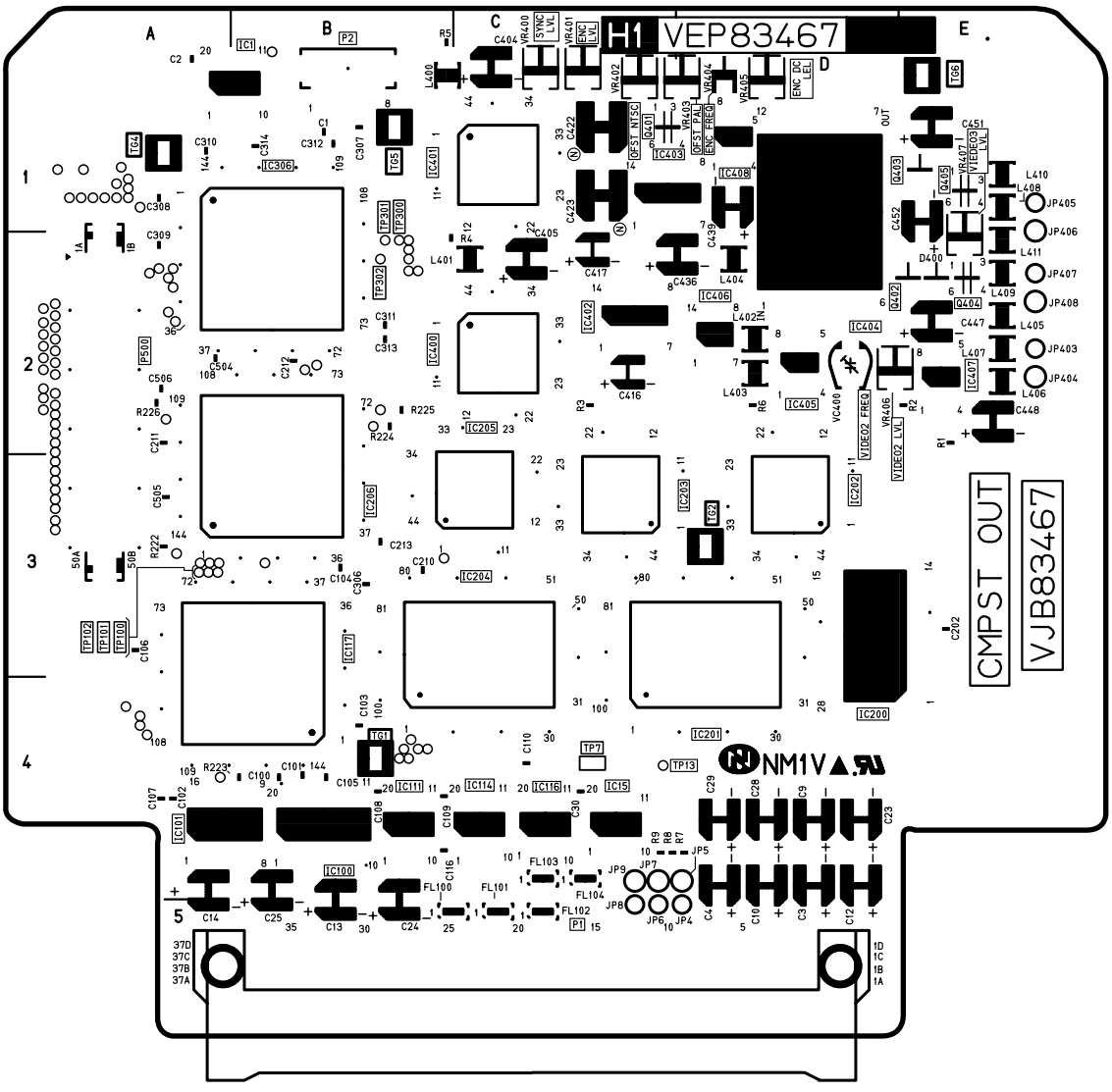


(FOIL SIDE)

H1 : CMPST OUT P.C.BOARD (VEP83467C)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC
IC1	B-1	IC406	D-2	TP301	B-1
IC15	C-4	IC407	E-2	TP302	B-2
IC100	B-4	IC408	D-1	VC400	D-2
IC101	A-4	P1	C-5	VR400	C-1
IC111	B-4	P2	B-1	VR401	C-1
IC114	C-4	P500	A-2	VR402	C-1
IC116	C-4	Q401	C-1	VR403	D-1
IC117	B-3	Q402	E-2	VR404	D-1
IC200	C-3	Q403	E-1	VR405	D-1
IC201	D-4	Q404	E-2	VR406	D-2
IC202	D-3	Q405	E-1	VR407	E-1
IC203	C-3	TG1	B-4		
IC204	C-3	TG2	D-3		
IC205	C-3	TG4	A-1		
IC206	B-3	TG5	B-1		
IC306	B-1	TG6	E-1		
IC400	C-2	TP7	C-4		
IC401	C-1	TP13	C-4		
IC402	C-2	TP100	A-3		
IC403	C-1	TP101	A-3		
IC404	D-2	TP102	A-3		
IC405	D-2	TP300	B-1		

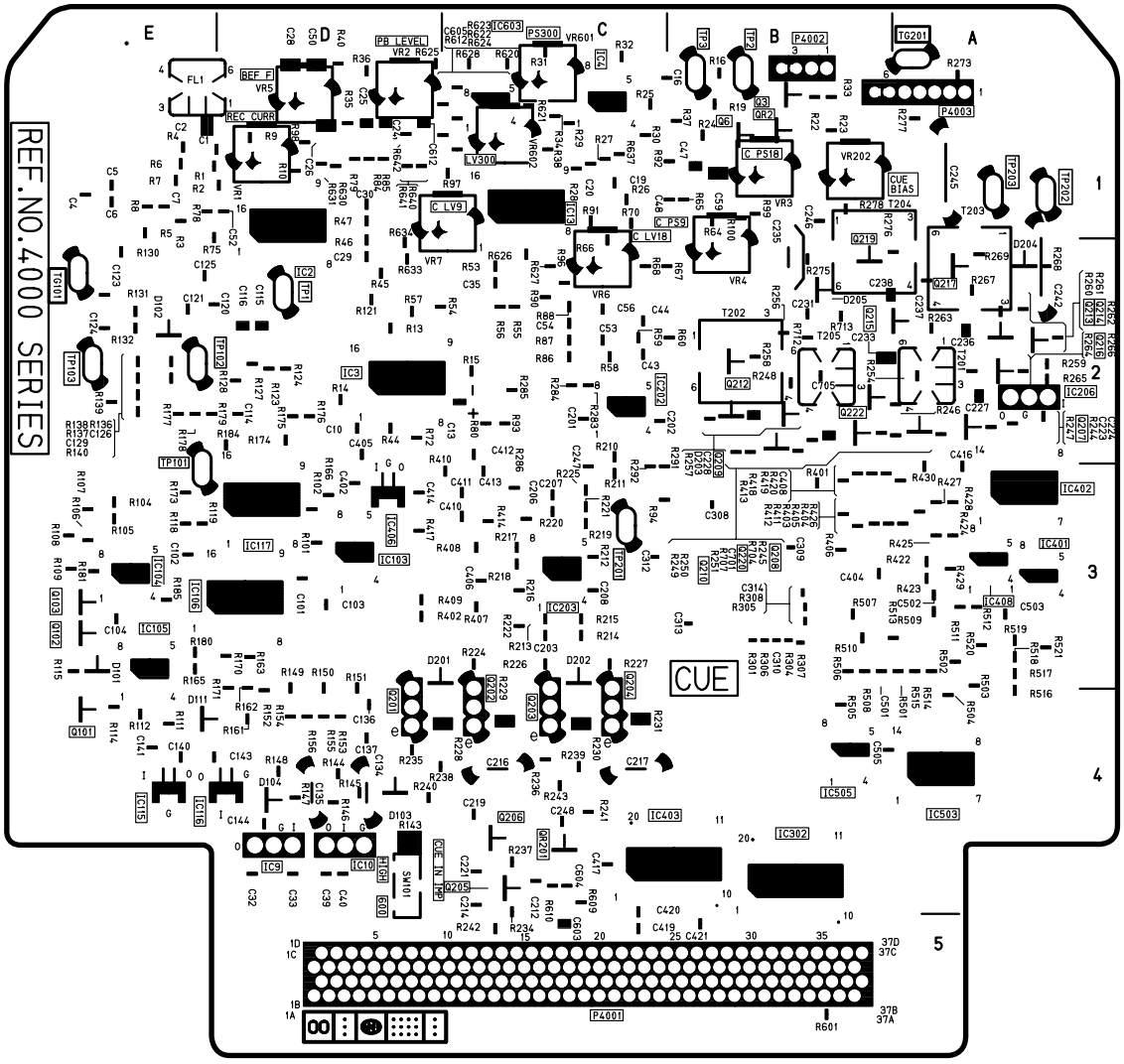


(COMPONENT SIDE)

H3 : CUE P.C.BOARD (VEP84347C)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC
IC2	D-1	P4002	B-1	QR2	B-1
IC3	D-2	P4003	A-1	QR201	C-4
IC4	C-1	Q3	B-1	TG101	E-2
IC9	D-4	Q6	B-1	TG201	A-1
IC10	D-4	Q101	E-4	TP1	D-2
IC13	C-1	Q102	E-3	TP2	B-1
IC103	D-3	Q103	E-3	TP3	B-1
IC104	E-3	Q201	D-4	TP101	E-2
IC105	E-3	Q202	C-4	TP102	E-2
IC106	D-3	Q203	C-4	TP103	E-2
IC115	E-4	Q204	C-4	TP201	C-3
IC116	E-4	Q205	C-4	TP202	A-1
IC117	D-3	Q206	C-4	TP203	A-1
IC202	C-2	Q207	A-2	VR1	D-1
IC203	C-3	Q208	A-2	VR2	D-1
IC206	A-2	Q209	B-2	VR3	B-1
IC302	B-4	Q210	B-2	VR4	B-2
IC401	A-3	Q212	B-2	VR5	D-1
IC402	A-3	Q213	A-2	VR6	C-2
IC403	B-4	Q214	A-2	VR7	C-1
IC406	D-3	Q215	A-2	VR202	B-1
IC408	A-3	Q216	A-2	VR601	C-1
IC503	A-4	Q217	A-2	VR602	C-1
IC505	B-4	Q219	B-2		
IC603	C-1	Q220	B-2		
P4001	C-5	Q222	B-2		

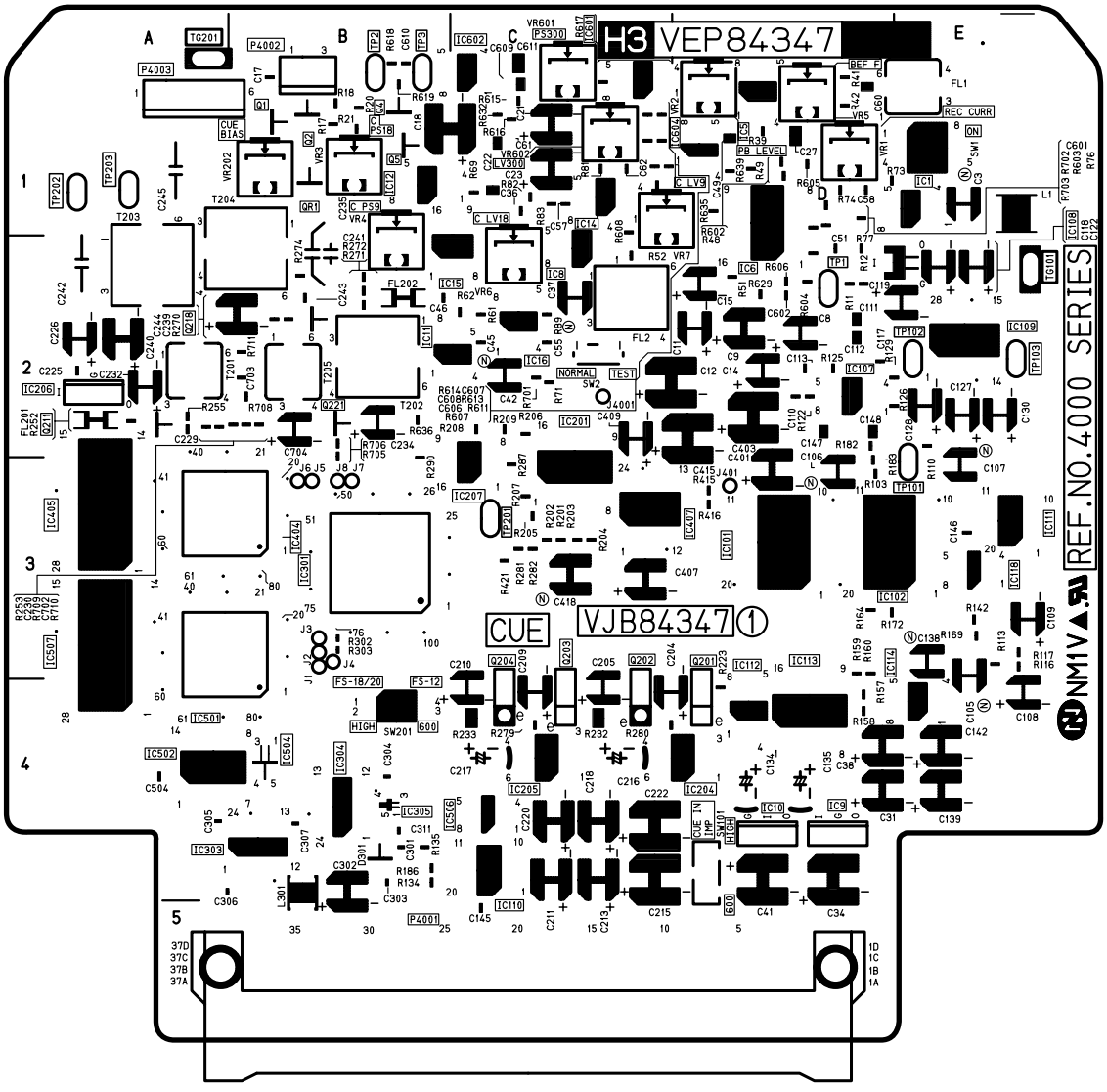


(FOIL SIDE)

H3 : CUE P.C.BOARD (VEP84347C)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC
IC1	E-1	IC207	C-3	Q204	C-3
IC5	D-1	IC301	B-3	Q211	A-2
IC6	D-2	IC303	B-4	Q218	B-2
IC8	C-2	IC304	B-4	Q221	B-2
IC9	D-4	IC305	B-4	QR1	B-1
IC10	D-4	IC404	B-3	TG101	E-2
IC11	B-2	IC405	A-3	TG201	A-1
IC12	B-1	IC407	C-3	TP1	D-2
IC14	C-2	IC501	A-3	TP2	B-1
IC15	C-2	IC502	A-4	TP3	B-1
IC16	C-2	IC504	B-4	TP101	E-3
IC101	D-3	IC506	C-4	TP102	E-2
IC102	D-3	IC507	A-3	TP103	E-2
IC107	D-2	IC601	C-1	TP201	C-3
IC108	E-2	IC602	C-1	TP202	A-1
IC109	E-2	IC604	C-1	TP203	A-1
IC110	C-4	P4001	B-5	VR1	D-1
IC111	E-3	P4002	B-1	VR2	D-1
IC112	D-4	P4003	A-1	VR3	B-1
IC113	D-4	Q1	B-1	VR4	B-1
IC114	E-3	Q2	B-1	VR5	D-1
IC118	E-3	Q4	B-1	VR6	C-2
IC201	C-3	Q5	B-1	VR7	D-2
IC204	D-4	Q201	D-3	VR202	B-1
IC205	C-4	Q202	C-3	VR601	C-1
IC206	A-2	Q203	C-3	VR602	C-1

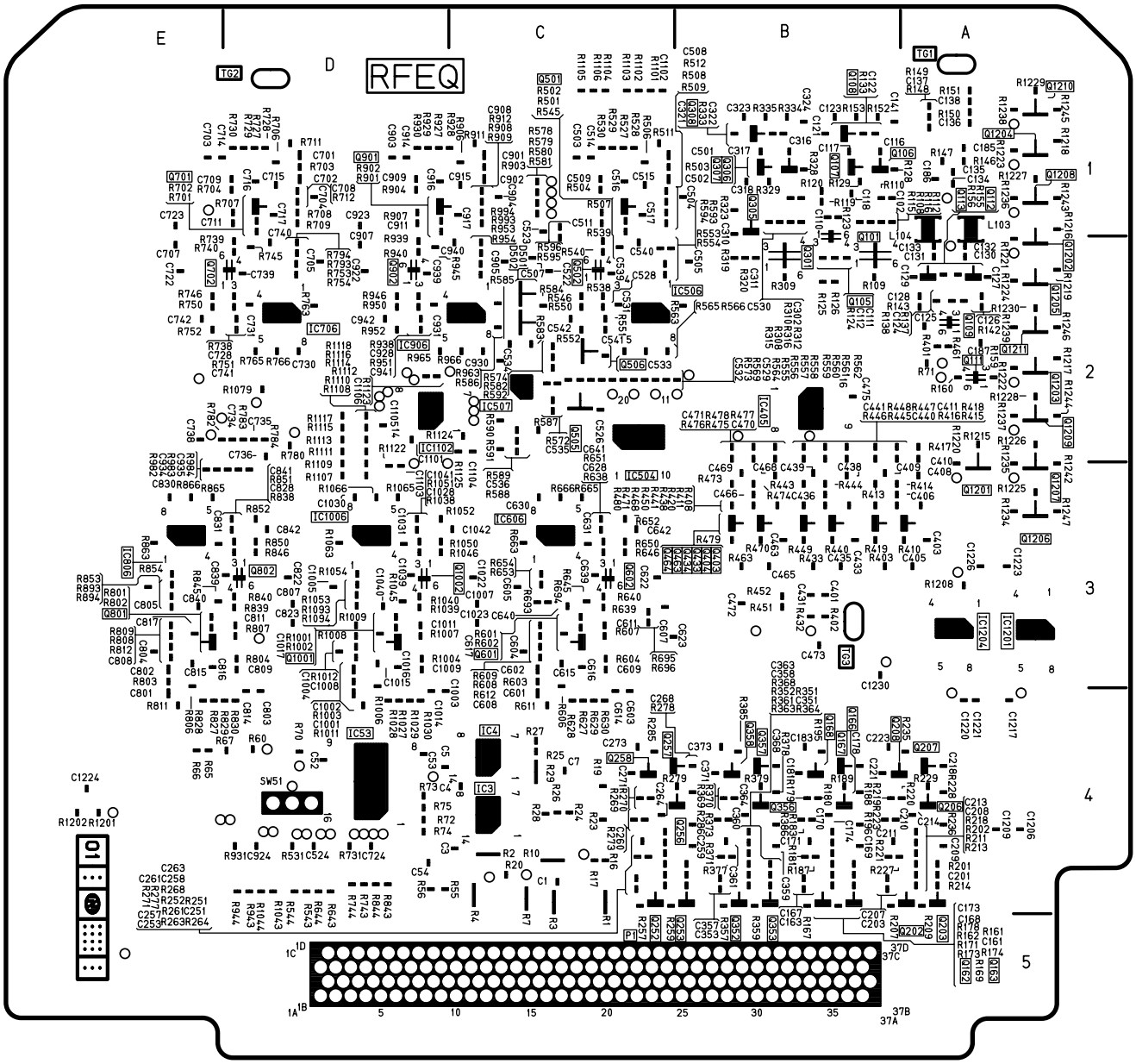


(COMPONENT SIDE)

H4/5 : RFEQ P.C.BOARD (VEP85204A/B)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC3	D4	P1	C5	Q202	A5	Q308	B1	Q506	C2	Q1205	A2
IC4	D4	Q101	B2	Q203	A5	Q352	B5	Q601	C3	Q1206	A3
IC53	D4	Q105	B2	Q205	D4	Q353	B5	Q602	C3	Q1207	A3
IC405	B2	Q106	B1	Q206	A4	Q356	B3	Q701	E1	Q1209	A2
IC504	C3	Q107	B1	Q207	A4	Q357	B3	Q702	E1	Q1210	A1
IC506	B2	Q108	B1	Q208	A1	Q358	B3	Q801	E3	Q1211	A2
IC507	C2	Q109	A2	Q208	B3	Q403	B3	Q802	D3	TG1	A1
IC606	C3	Q111	A2	Q252	C5	Q404	B3	Q901	D1	TG2	D1
IC706	D2	Q112	A1	Q253	B5	Q433	B3	Q902	D2	TG3	B3
IC806	E3	Q113	A1	Q256	B3	Q434	B3	Q1001	D3		
IC906	D2	Q132	A5	Q257	D4	Q463	B3	Q1002	C3		
IC1006	D3	Q163	A5	Q301	B2	Q464	C3	Q1201	A3		
IC1102	D2	Q166	B3	Q305	B1	Q501	C1	Q1202	A2		
IC1201	A3	Q167	B3	Q306	B1	Q502	C2	Q1203	A2		
IC1204	A3	Q168	B3	Q307	B1	Q505	C2	Q1204	A1		

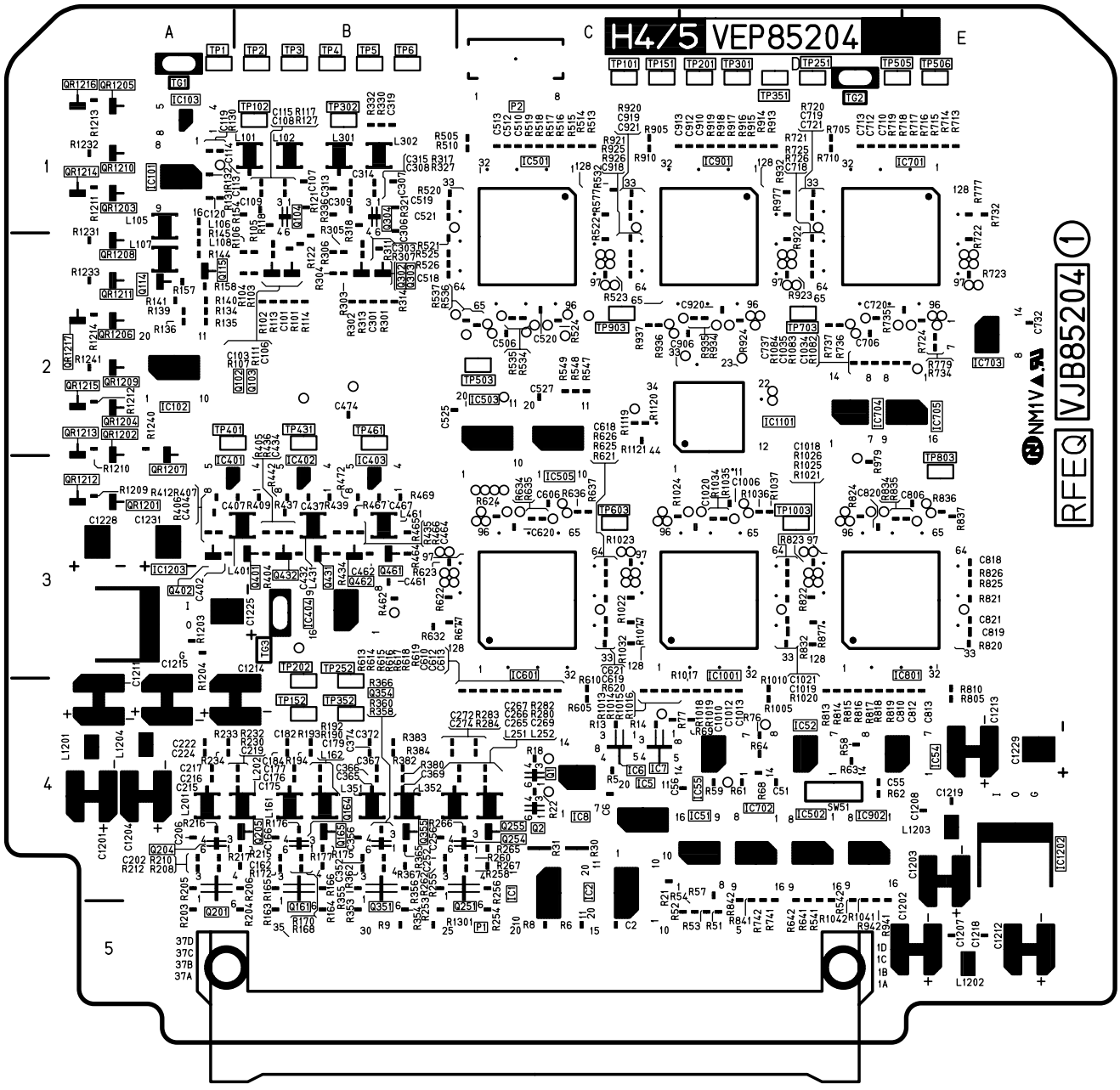


(FOIL SIDE)

H4/5 : RFEQ P.C.BOARD (VEP85204A/B)

COMPONENT SIDE

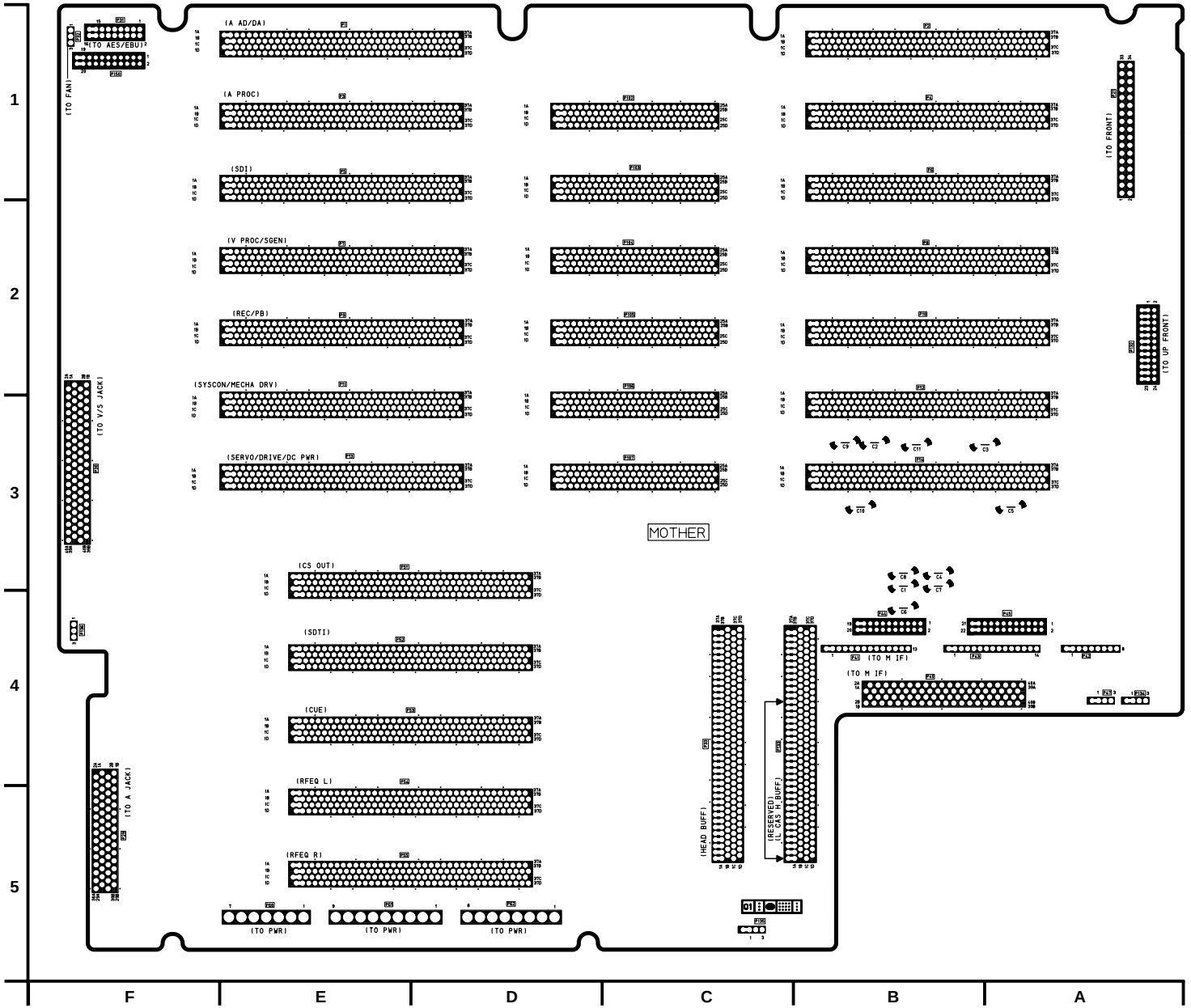
REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	C4	IC402	B3	IC1001	D4	Q165	B4	Q431	B3	QR1212	A3	TP101	C1	TP503	C2
IC2	C4	IC403	B3	IC1101	D2	Q201	A5	Q432	B3	QR1213	A2	TP102	B1	TP505	D1
IC5	C4	IC404	B3	IC1203	A3	Q204	A4	Q461	B3	QR1214	A1	TP151	C1	TP506	E1
IC6	C4	IC502	D4	IC1204	E4	Q205	B4	Q462	B3	QR1215	A2	TP152	B4	TP603	C3
IC7	C4	IC503	C2	P1	C5	Q251	C5	QR1201	A3	QR1216	A1	TP201	D1	TP706	D2
IC8	C4	IC505	C3	P2	C1	Q254	C4	QR1202	A2	QR1217	A2	TP202	B3	TP803	E3
IC51	D4	IC601	C4	Q1	C4	Q255	C4	QR1203	A1	TG1	A1	TP251	D1	TP903	C2
IC52	D4	IC701	E1	Q2	C4	Q302	B2	QR1204	A2	TG2	D1	TP252	B3	TP1003	D3
IC54	E4	IC702	D4	Q102	B2	Q303	B2	QR1205	A1	TG3	B3	TP301	D1		
IC55	D4	IC703	E2	Q103	B2	Q304	B1	QR1206	A2	TP1	A1	TP302	B1		
IC101	A1	IC704	D2	Q104	B1	Q351	A5	QR1207	A3	TP2	B1	TP351	D1		
IC102	A2	IC705	E2	Q114	A2	Q354	B4	QR1208	A2	TP3	B1	TP352	B4		
IC103	A1	IC801	E4	Q115	A2	Q355	B4	QR1209	A2	TP4	B1	TP401	A2		
IC105	C1	IC901	D1	Q161	A5	Q401	B3	QR1210	A1	TP5	B1	TP431	B2		
IC401	A3	IC902	D4	Q164	B4	Q402	A3	QR1211	A2	TP6	B1	TP461	B2		



(COMPONENT SIDE)

MOTHER P.C.BOARD (VEP89139A)

CBA-21



(FOIL SIDE)

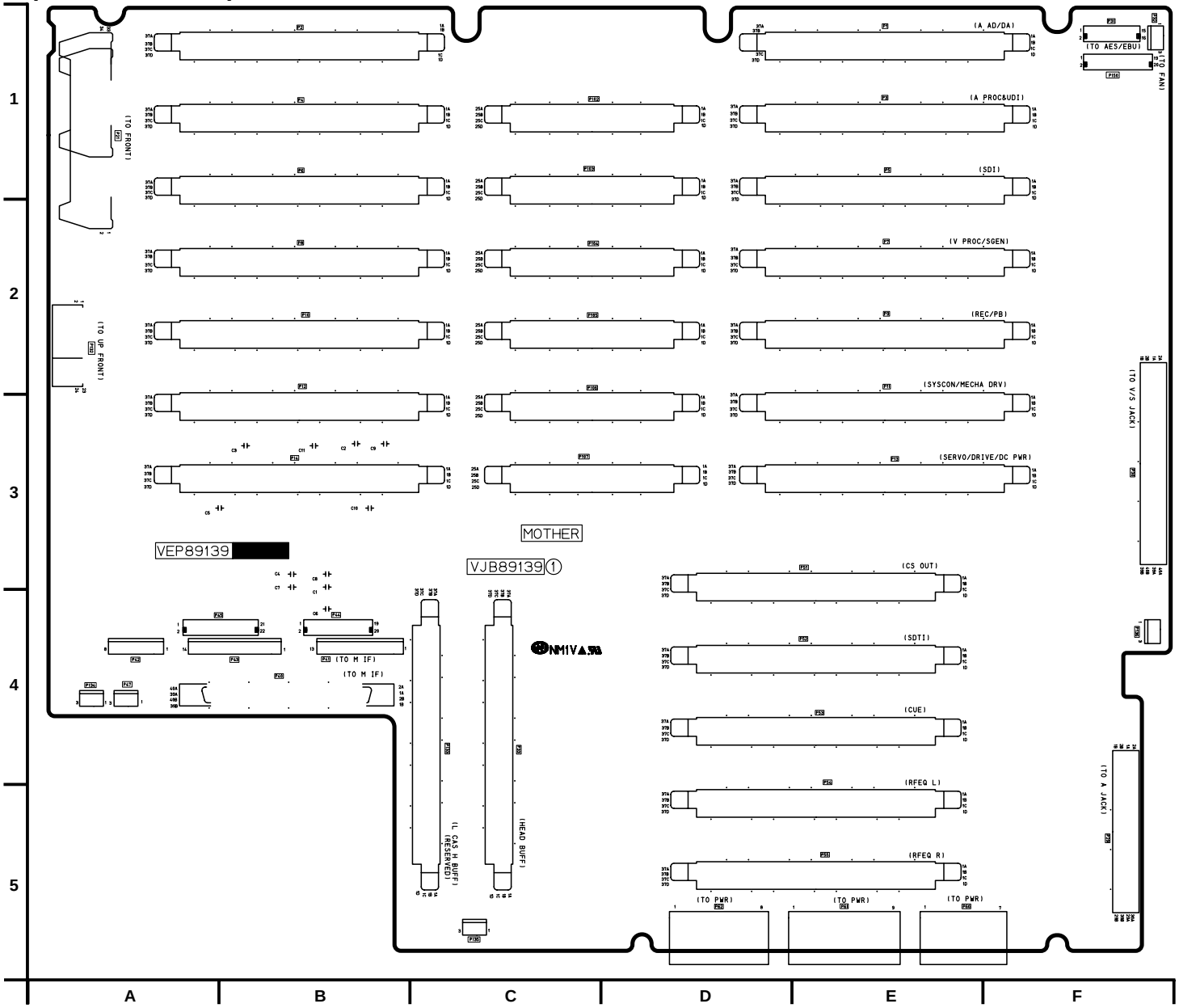
FOIL SIDE

REF	LOC	REF	LOC
P1	E1	P45	A4
P2	B1	P47	A4
P3	E1	P51	E3
P4	B1	P52	E4
P5	E1	P53	E4
P6	B1	P54	E5
P7	E2	P55	E5
P8	B2	P60	E5
P9	E2	P61	E5
P10	B2	P62	D5
P11	E3	P102	C1
P12	B3	P103	C1
P13	E3	P104	C2
P14	B3	P105	C2
P21	A1	P106	C3
P29	F5	P107	C3
P30	F3	P132	A2
P31	F1	P133	C4
P32	F1	P133	B4
P40	B4	P134	A4
P41	B4	P135	C5
P42	A4	P136	F4
P43	A4	P150	F1
P44	B4		

MOTHER P.C.BOARD (VEP89139A)

COMPONENT SIDE

REF	LOC	REF	LOC
P1	E1	P45	A4
P2	B1	P47	A4
P3	E1	P51	E3
P4	B1	P52	E4
P5	E1	P53	E4
P6	B1	P54	E5
P7	E2	P55	E5
P8	B2	P60	E5
P9	E2	P61	E5
P10	B2	P62	D5
P11	E3	P102	C1
P12	B3	P103	C1
P13	E3	P104	C2
P14	B3	P105	C2
P21	A1	P106	C3
P29	F5	P107	C3
P30	F3	P132	A2
P31	F1	P133	C4
P32	F1	P133	C4
P40	B4	P134	A4
P41	B4	P135	C5
P42	A4	P136	F4
P43	B4	P150	F1
P44	B4		



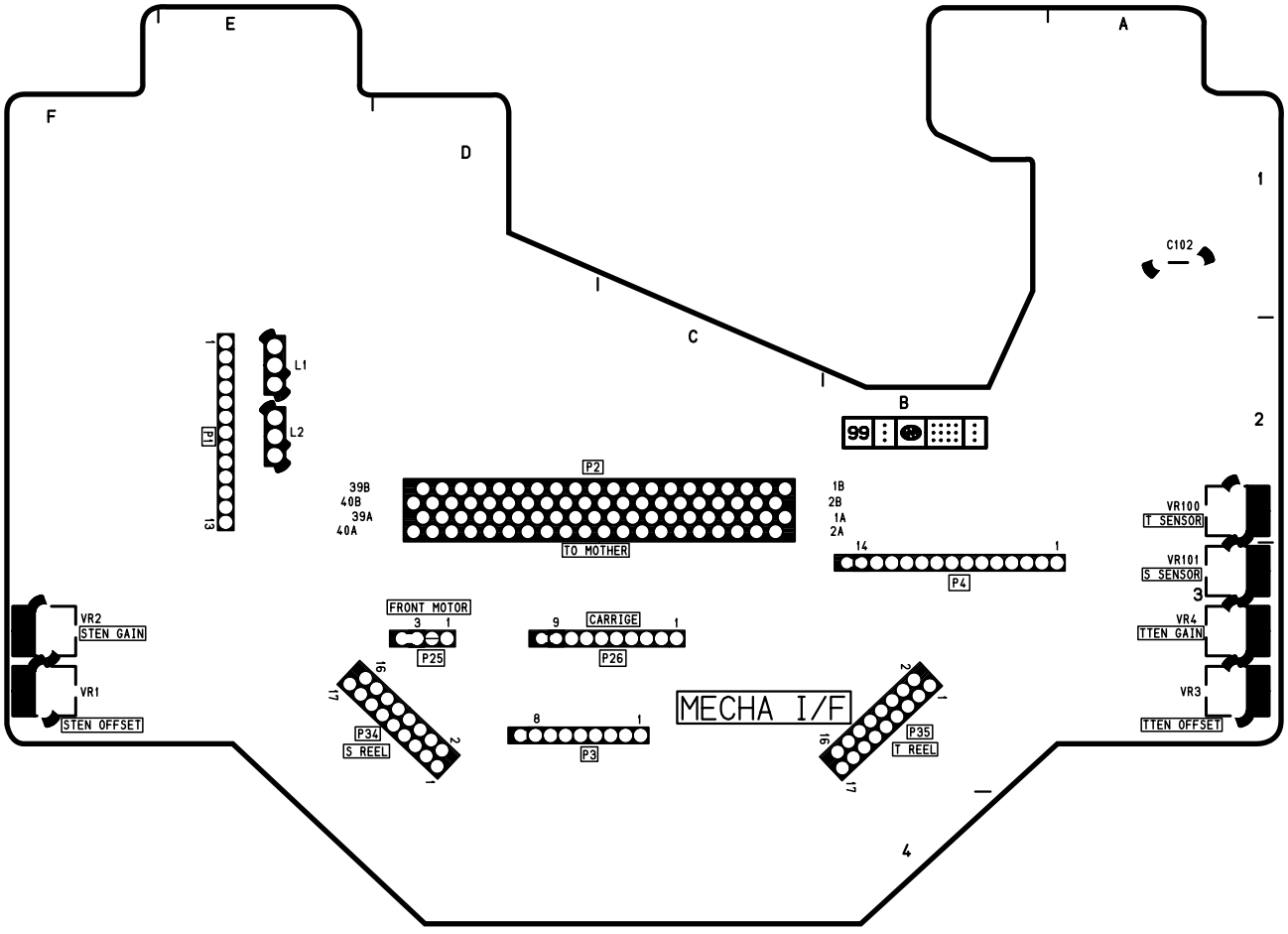
(COMPONENT SIDE)

CBA-22

MECHA I/F P.C.BOARD (VEP82231A)

FOIL SIDE

REF	LOC
P1	E-2
P2	C-2
P3	D-3
P4	B-3
P25	D-3
P26	C-3
P34	D-3
P35	B-3
VR1	F-3
VR2	F-3
VR3	A-3
VR4	A-3
VR100	A-2
VR101	A-3

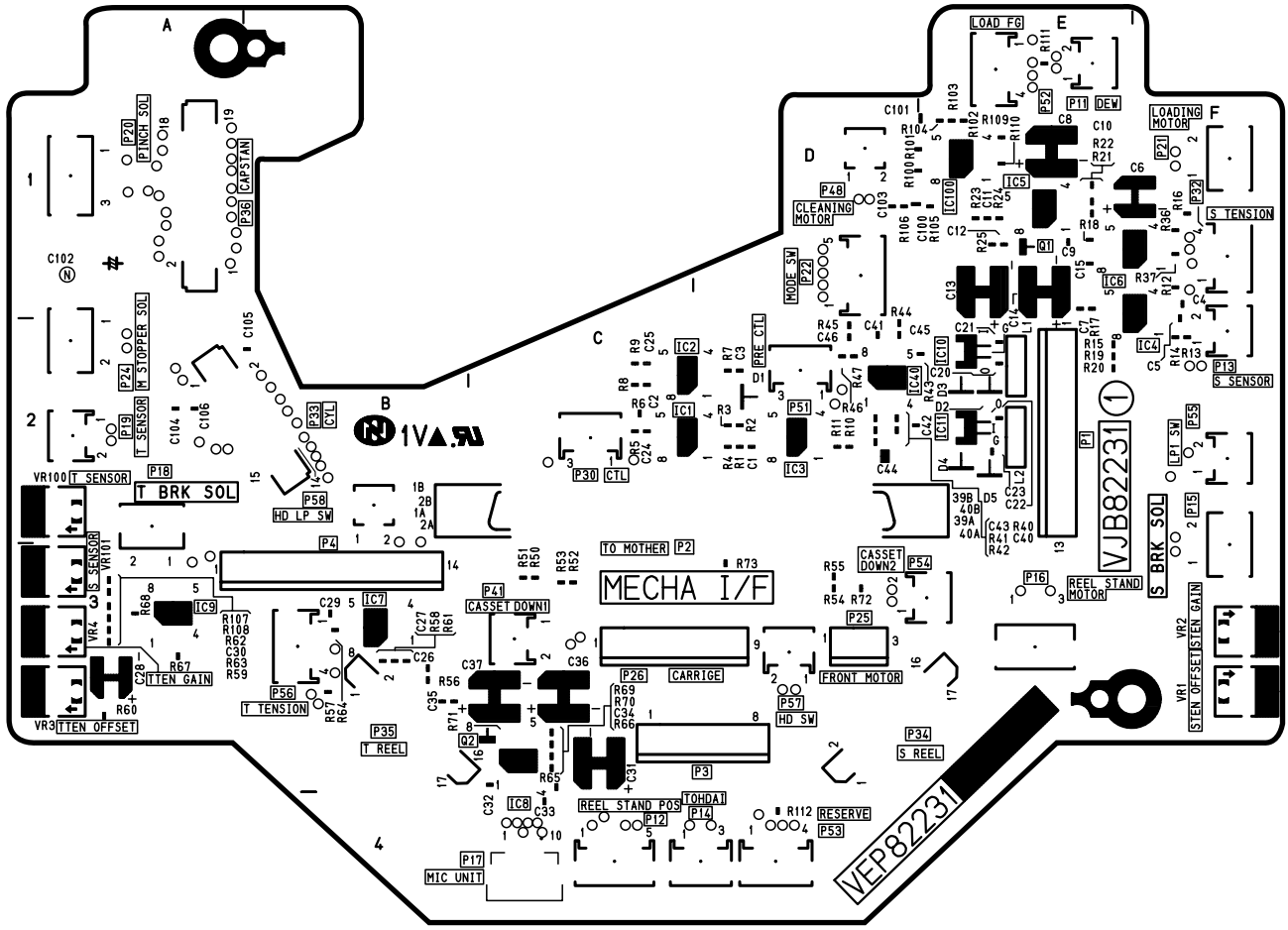


(FOIL SIDE)

MECHA I/F P.C.BOARD (VEP82231A)

COMPONENT SIDE

REF	LOC	REF	LOC
IC1	C-2	P22	D-1
IC2	C-2	P24	A-2
IC3	D-2	P25	D-3
IC4	F-2	P26	C-3
IC5	E-1	P30	C-2
IC6	E-1	P32	F-1
IC7	B-3	P33	B-2
IC8	C-3	P34	E-3
IC9	A-3	P35	B-3
IC10	E-2	P36	A-1
IC11	E-2	P41	C-3
IC40	D-2	P48	D-1
IC100	E-1	P51	D-2
P1	E-2	P52	E-1
P2	C-2	P53	D-4
P3	D-3	P54	E-3
P4	B-3	P55	F-2
P11	E-1	P56	B-3
P12	C-4	P57	D-3
P13	F-2	P58	B-2
P14	D-4	Q1	E-1
P15	F-2	Q2	C-3
P16	E-3	VR1	F-3
P17	C-4	VR2	F-3
P18	A-2	VR3	A-3
P19	A-2	VR4	A-3
P20	A-1	VR100	A-2
P21	F-1	VR101	A-3



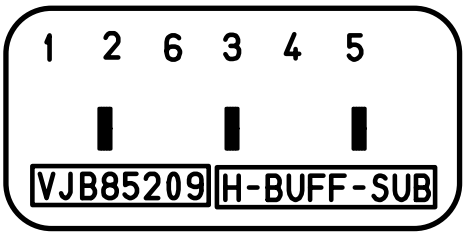
(COMPONENT SIDE)

H BUFF P.C.BOARD (VEP85205A)

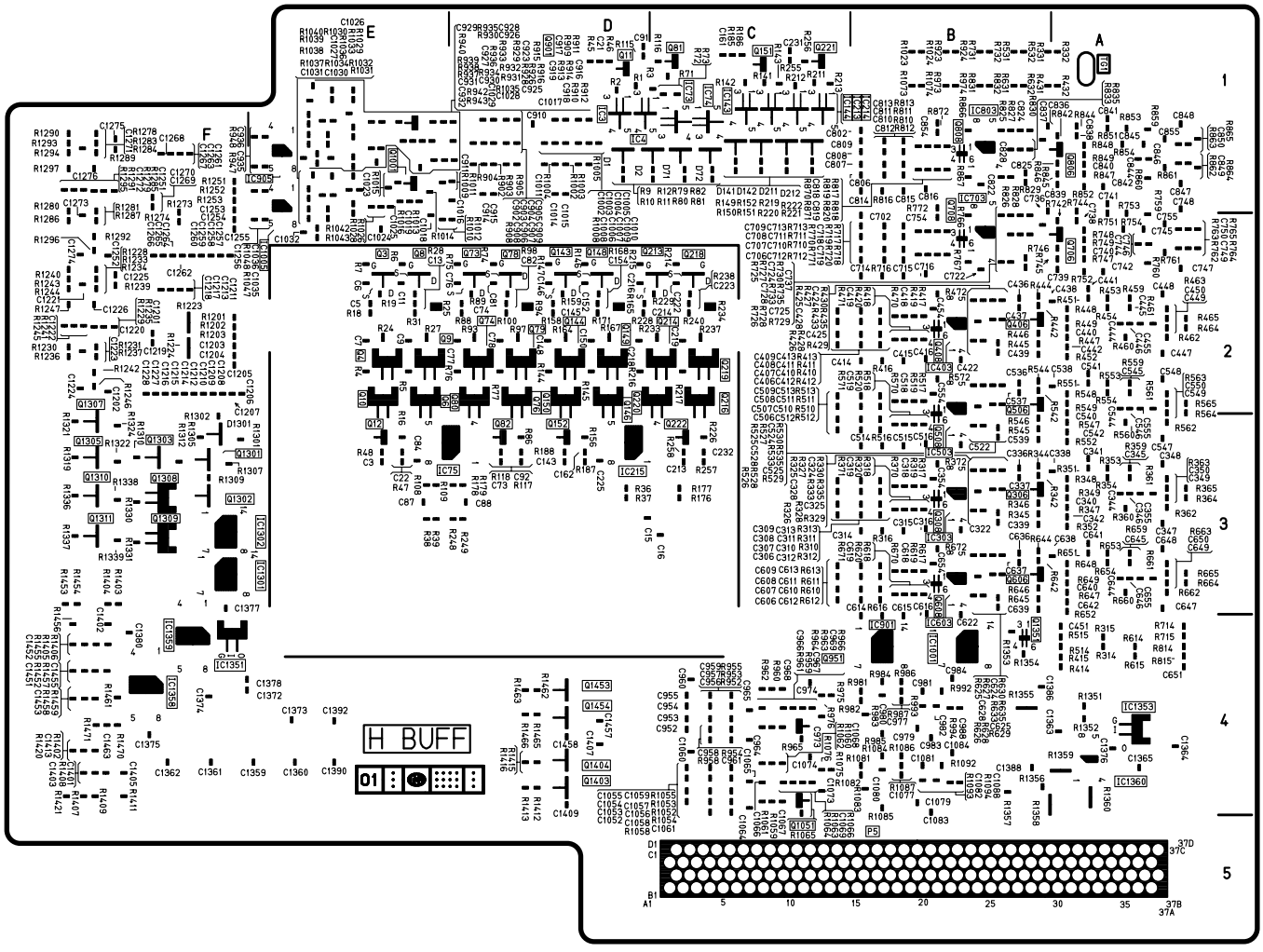
FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC3	D1	IC1001	B4	Q73	D2	Q216	C2	Q951	C4
IC4	D1	IC1005	E2	Q74	D2	Q218	C2	Q1001	E1
IC73	C1	IC1301	F3	Q76	D2	Q219	C2	Q1051	C5
IC74	C1	IC1302	F3	Q78	D2	Q220	D2	Q1301	F3
IC75	E3	IC1351	F4	Q79	D2	Q221	C1	Q1302	F3
IC143	C1	IC1353	A4	Q80	D2	Q222	C3	Q1303	F3
IC144	C1	IC1358	F4	Q81	C1	Q306	B3	Q1305	F3
IC213	C1	IC1359	F4	Q82	D3	Q308	B3	Q1307	F2
IC214	C1	IC1360	A4	Q143	D2	Q406	B2	Q1308	F3
IC215	D3	P5	B5	Q144	D2	Q408	B2	Q1309	F3
IC303	B3	Q3	E2	Q146	D2	Q508	B3	Q1310	F3
IC403	B2	Q4	E2	Q148	D2	Q606	B3	Q1311	F3
IC503	B3	Q6	E2	Q149	D2	Q608	B3	Q1351	B4
IC603	B4	Q8	E2	Q150	D2	Q706	A2	Q1403	D4
IC703	B1	Q9	E2	Q151	C1	Q708	B1	Q1404	D4
IC803	B1	Q10	E2	Q152	D3	Q806	A1	Q1453	D4
IC901	B4	Q11	D1	Q213	C2	Q808	B1	Q1454	D4
IC905	E1	Q12	E3	Q214	C2	Q901	D1	TG1	A1

H BUFF SUB P.C.BOARD (VEP85209A)



(FOIL SIDE)

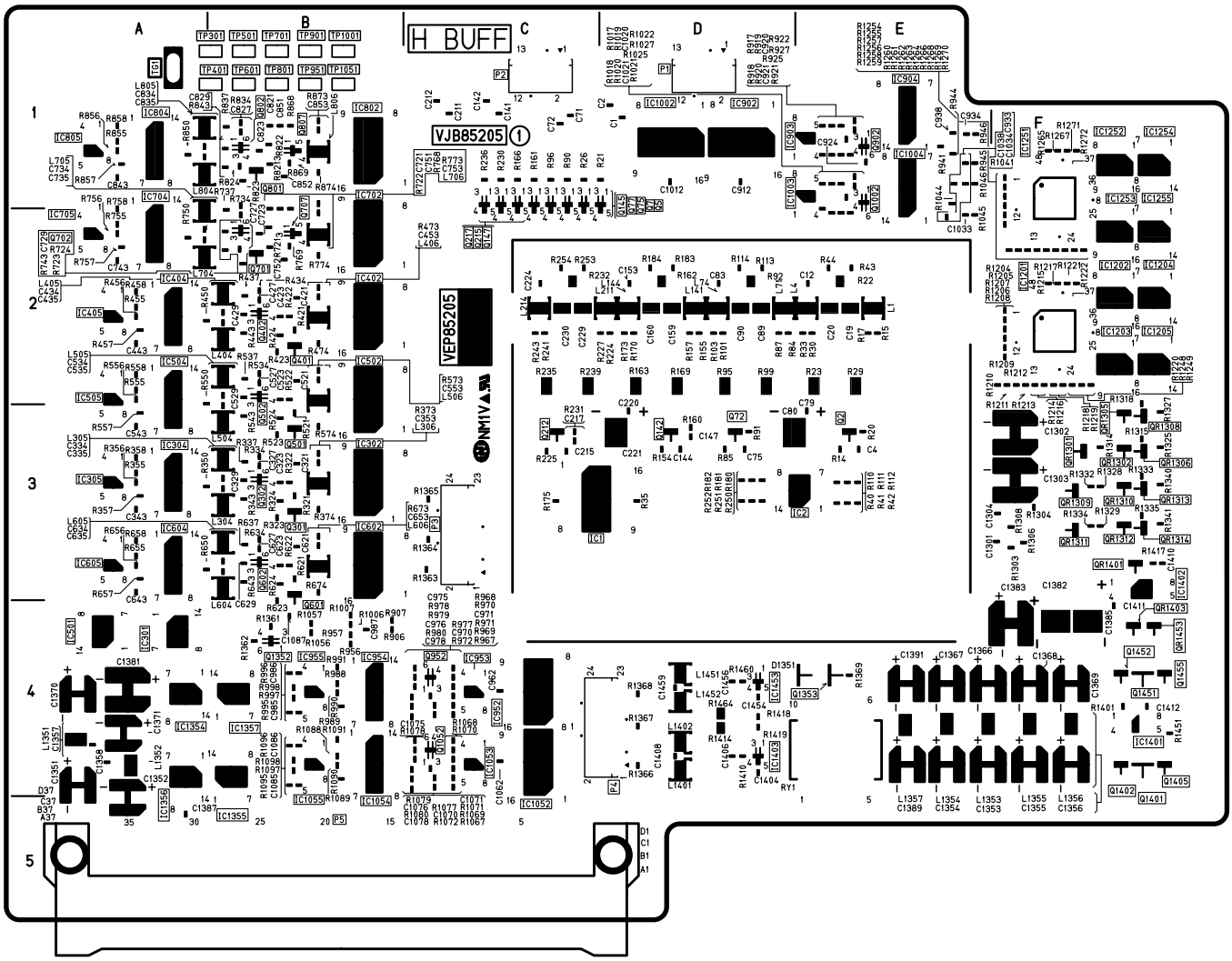


(FOIL SIDE)

H BUFF P.C.BOARD (VEP85205A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	C3	IC705	A2	IC1202	F2	P2	C1	Q402	B2	Q1402	F4	QR1453	F4
IC2	E3	IC802	B1	IC1203	F2	P3	C3	Q501	B3	Q1405	F4	TG1	A1
IC301	A4	IC805	A1	IC1204	F2	P4	D4	Q502	B2	Q1451	F4	TP301	B1
IC302	B3	IC902	D1	IC1205	F2	Q2	E3	Q601	B4	Q1452	F4	TP401	B1
IC304	A3	IC903	E1	IC1251	F1	Q5	C2	Q602	B3	Q1455	F4	TP501	B1
IC305	A3	IC904	E1	IC1252	F1	Q7	C2	Q701	B2	QR305	F3	TP601	B1
IC402	B2	IC952	C4	IC1253	F1	Q72	D3	Q702	A2	QR1301	F3	TP701	B1
IC404	A2	IC953	C4	IC1254	F1	Q75	C2	Q707	B2	QR1302	F3	TP801	B1
IC405	A2	IC954	B4	IC1255	F1	Q77	C2	Q801	B1	QR1306	F3	TP901	B1
IC501	A4	IC955	B4	IC1354	A4	Q142	D3	Q802	B1	QR1308	F3	TP951	B1
IC502	B2	IC1002	D1	IC1355	B4	Q145	C2	Q807	B1	QR1309	F3	TP1001	B1
IC504	A2	IC1003	E1	IC1356	A4	Q147	C2	Q902	E1	QR1310	F3	TP1051	B1
IC505	A2	IC1004	E1	IC1357	B4	Q212	C3	Q952	C4	QR1311	F3		
IC602	B3	IC1052	C4	IC1401	F4	Q215	C2	Q1002	E1	QR1312	F3		
IC604	A3	IC1053	C4	IC1402	F3	Q217	C2	Q1052	C4	QR1313	F3		
IC605	A3	IC1054	B4	IC1403	D4	Q301	B3	Q1352	B4	QR1314	F3		
IC702	B2	IC1055	B4	IC1453	D4	Q302	B3	Q1353	F4	QR1401	F3		
IC704	A1	IC1201	F2	P1	D1	Q401	B2	Q1401	F4	QR1453	F4		

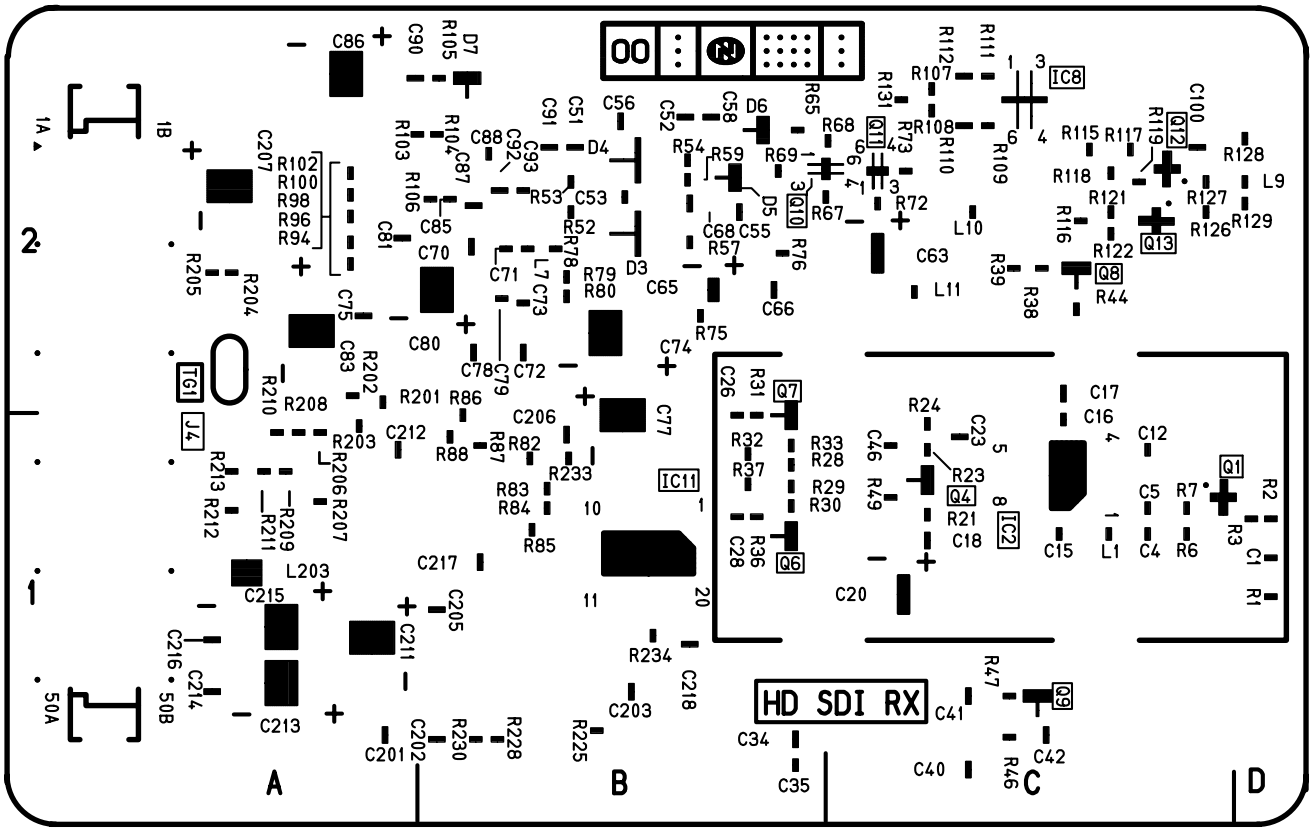


(COMPONENT SIDE)

HD SDI RX P.C.BOARD (VEP83459B)

FOIL SIDE

REF	LOC
IC2	C-1
IC8	C-2
IC11	B-1
Q1	C-1
Q4	C-1
Q6	B-1
Q7	B-2
Q8	C-2
Q9	C-1
Q10	B-2
Q11	C-2
Q12	C-2
Q13	C-2
TG1	A-2

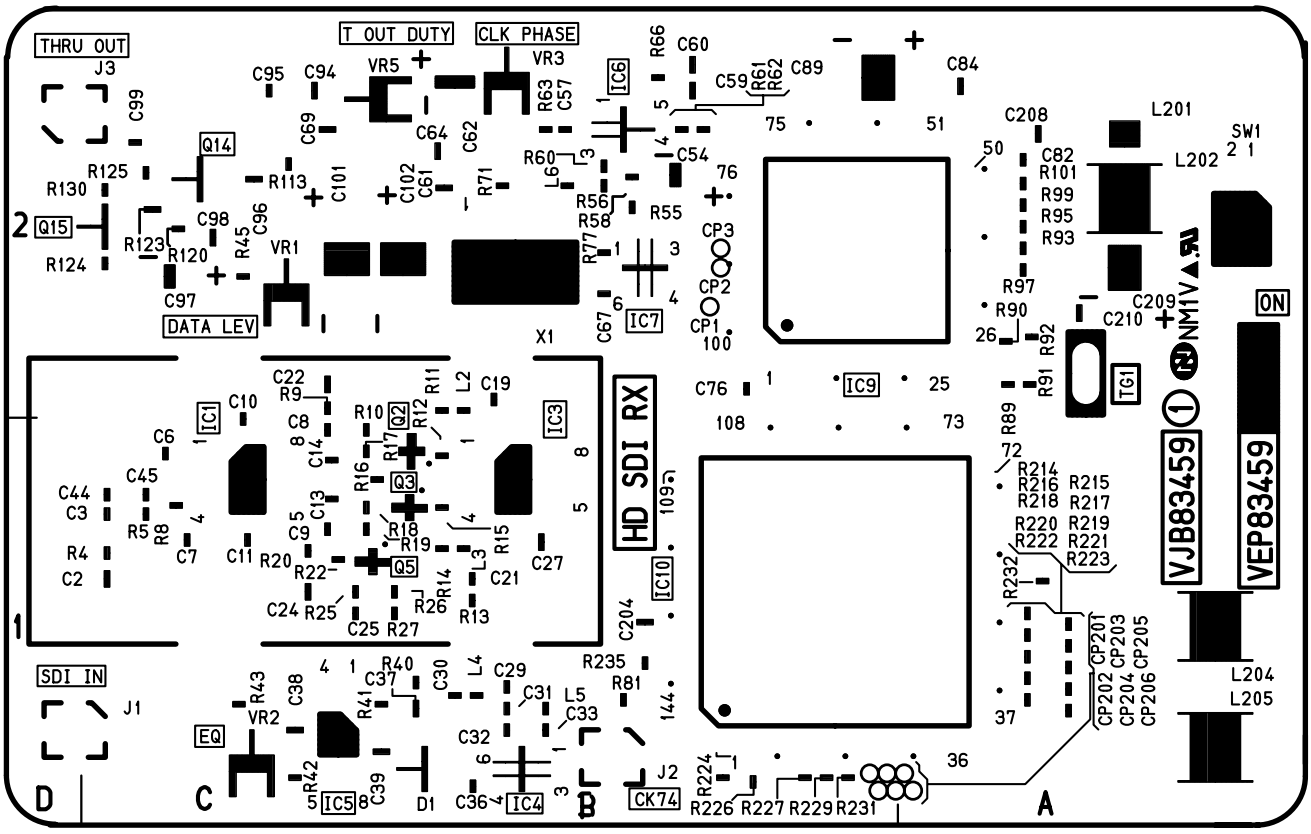


(FOIL SIDE)

HD SDI RX P.C.BOARD (VEP83459B)

COMPONENT SIDE

REF	LOC
CK74	B-1
IC1	C-1
IC3	B-1
IC4	B-1
IC5	C-1
IC6	B-2
IC7	B-2
IC9	B-2
IC10	B-1
Q14	C-2
Q15	D-2
Q2	C-1
Q3	C-1
Q5	C-1
TG1	A-2
VR1	C-2
VR2	C-1
VR3	B-2
VR5	C-2

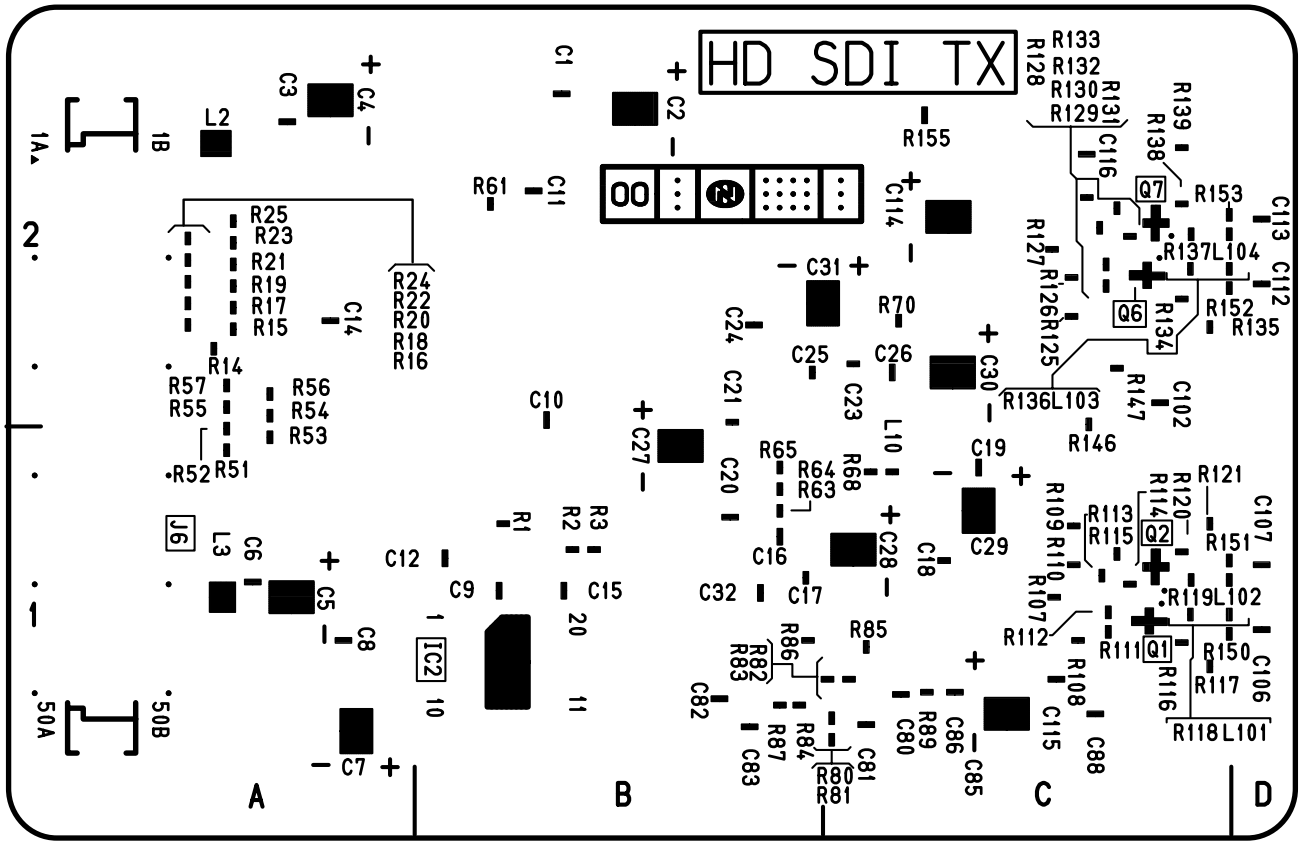


(COMPONENT SIDE)

HD SDI TX P.C.BOARD (VEP83460B)

FOIL SIDE

REF	LOC
IC2	B-1
Q1	C-1
Q2	C-1
Q6	C-2
Q7	C-2

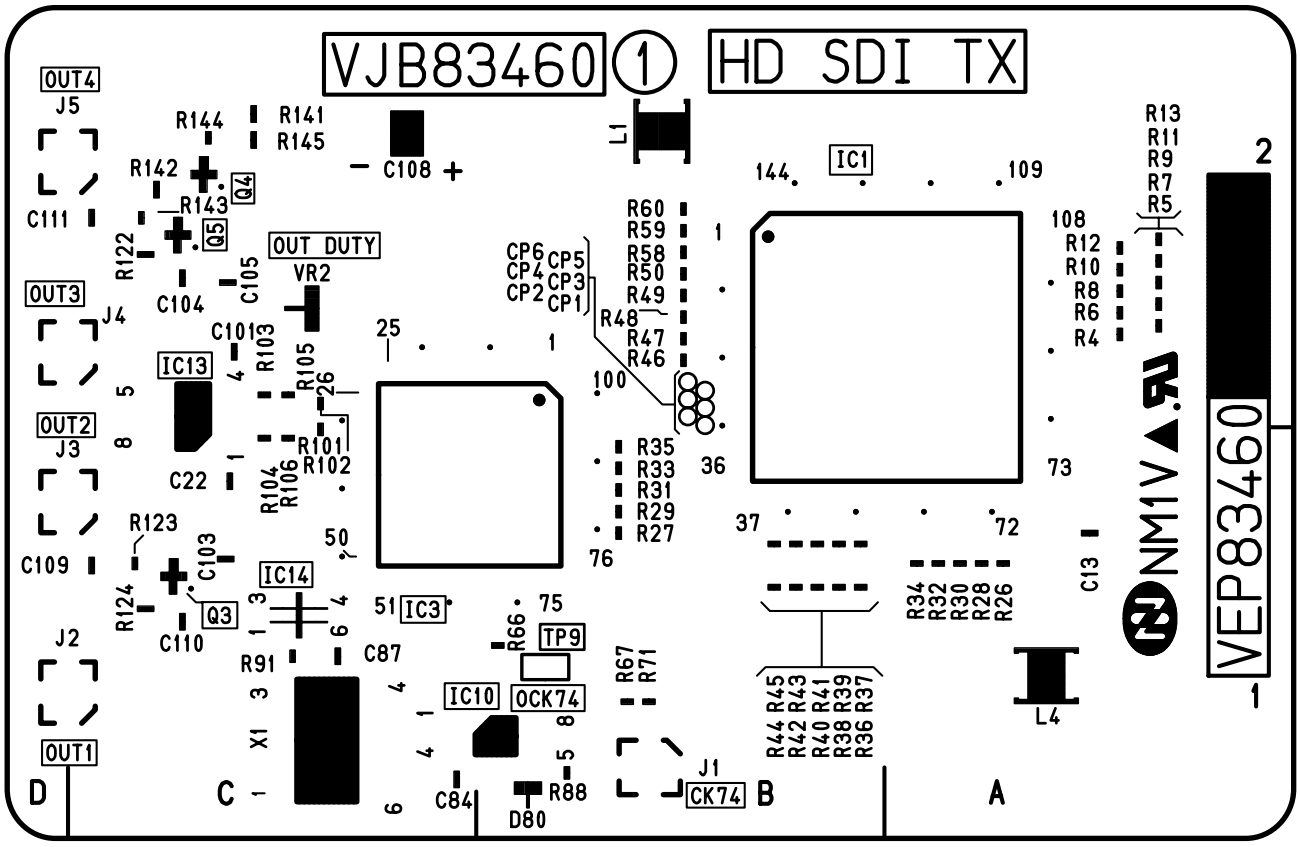


(FOIL SIDE)

HD SDI TX P.C.BOARD (VEP83460B)

COMPONENT SIDE

REF	LOC
IC1	B-2
IC3	C-1
IC10	B-1
IC13	C-2
IC14	C-1
Q3	C-1
Q4	C-2
Q5	C-2
TP9	B-1
VR2	C-2

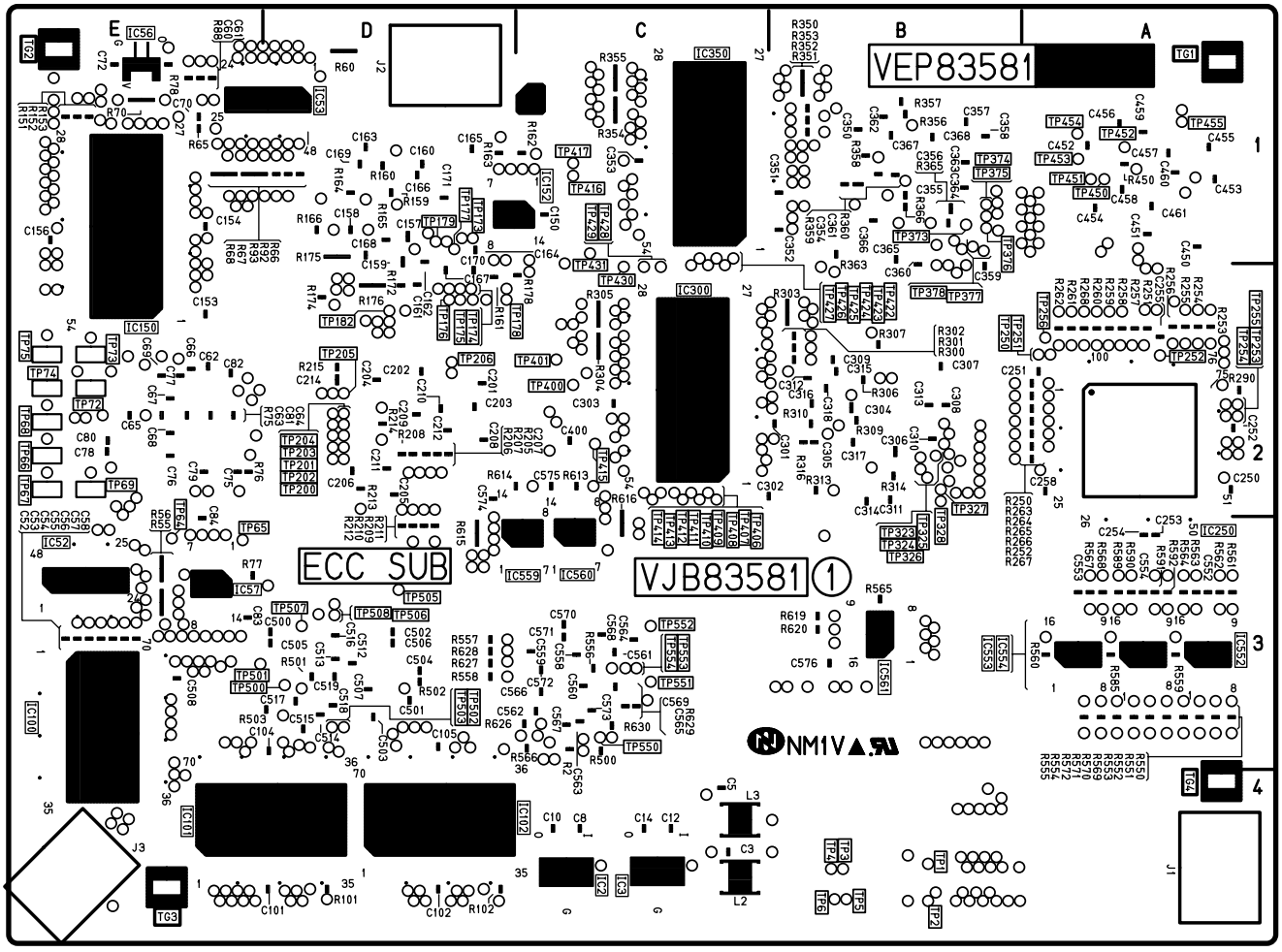


(COMPONENT SIDE)

ECC SUB P.C.BOARD (VEP83581A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC100	E3	TP65	E3	TP321	B2	TP427	C1
IC101	E4	TP66	E2	TP323	B2	TP428	C1
IC102	D4	TP67	E2	TP324	B2	TP429	C1
IC150	E1	TP68	E2	TP325	B2	TP430	C2
IC152	C1	TP69	E2	TP326	B2	TP431	C1
IC2	C4	TP72	E2	TP328	B2	TP450	A1
IC3	C4	TP73	E2	TP373	B1	TP451	A1
IC52	E3	TP74	E2	TP374	B1	TP452	A1
IC53	D1	TP75	E2	TP375	B1	TP453	A1
IC56	E1	TP173	D1	TP376	B1	TP454	A1
IC57	E3	TP174	D2	TP377	B1	TP455	A1
IC250	A3	TP175	D2	TP378	B1	TP500	E3
IC300	C2	TP176	D2	TP400	C2	TP501	E3
IC350	C1	TP176	D2	TP401	C2	TP502	D3
IC552	A3	TP177	D1	TP406	C2	TP503	D3
IC553	A3	TP179	D1	TP407	C2	TP505	D3
IC554	A3	TP182	D2	TP408	C2	TP506	D3
IC559	C3	TP200	D2	TP409	C2	TP507	D3
IC560	C3	TP201	D2	TP410	C2	TP508	D3
IC561	B3	TP202	D2	TP411	C2	TP550	C3
TG1	A1	TP203	D2	TP412	C2	TP551	C3
TG2	E1	TP204	D2	TP413	C2	TP552	C3
TG3	D4	TP205	D2	TP414	C2	TP553	C3
TG4	A4	TP206	D2	TP415	C2	TP554	C3
TP1	B4	TP250	A2	TP416	C1		
TP2	B4	TP251	A2	TP417	C1		
TP3	B4	TP252	A2	TP422	C1		
TP4	B4	TP253	A2	TP423	C1		
TP5	B4	TP254	A2	TP424	C1		
TP6	B4	TP255	A2	TP425	C1		
TP64	E3	TP256	A2	TP426	C1		

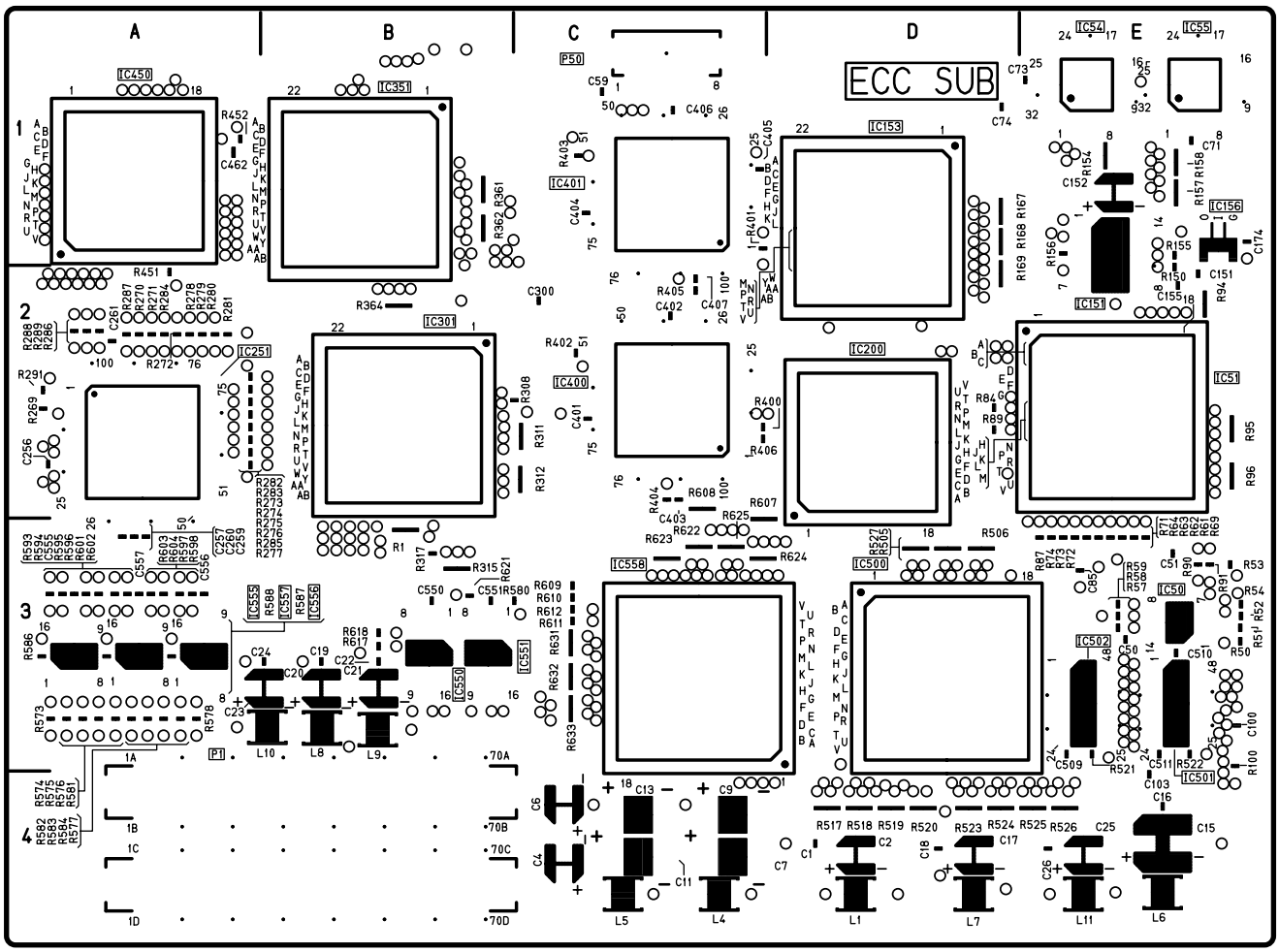


(FOIL SIDE)

ECC SUB P.C.BOARD (VEP83581A)

COMPONENT SIDE

REF	LOC
IC151	E2
IC153	D1
IC156	E1
IC200	D2
IC251	A2
IC301	B2
IC351	B1
IC400	C2
IC401	C1
IC450	A1
IC50	E3
IC51	E2
IC54	E1
IC55	E1
IC500	D3
IC501	E3
IC502	E3
IC550	B3
IC551	B3
IC555	A3
IC556	A3
IC557	A3
IC558	C3
P1	A3
P50	C1

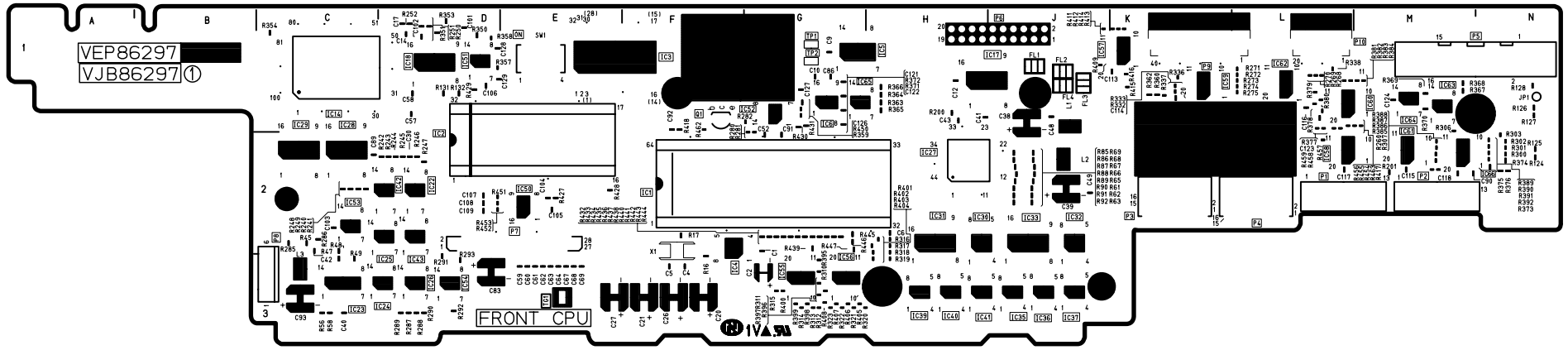


(COMPONENT SIDE)

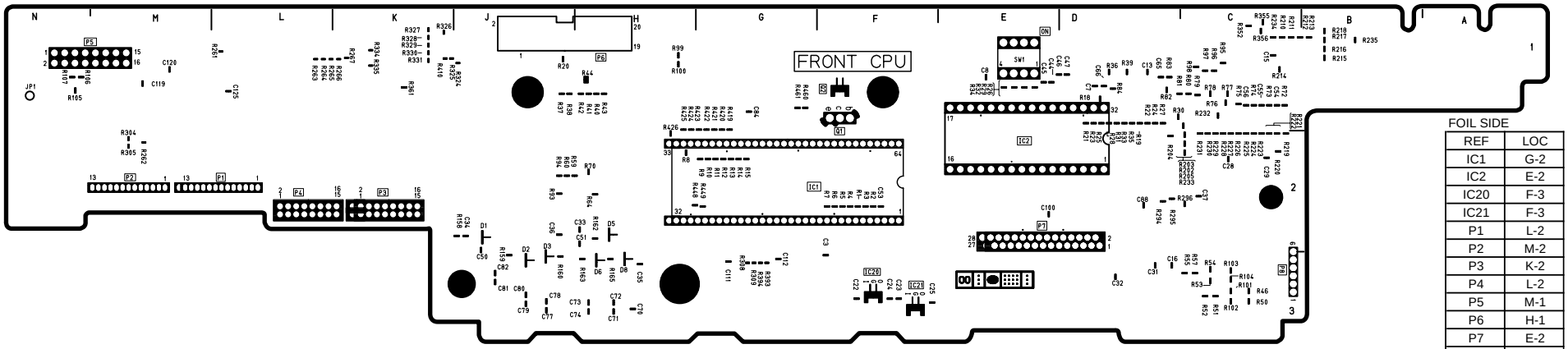
FRONT CPU P.C.BOARD (VEP86297C)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	F-2	IC23	C-3	IC33	J-2	IC51	D-1	IC61	M-2	P5	M-1
IC2	D-2	IC24	D-3	IC35	J-3	IC52	G-1	IC62	L-1	P6	J-1
IC3	F-1	IC25	D-2	IC36	J-3	IC53	C-2	IC63	M-1	P7	E-2
IC4	F-3	IC26	D-3	IC37	J-3	IC54	D-3	IC64	M-1	P8	C-2
IC5	H-1	IC27	H-2	IC39	H-3	IC55	G-3	IC65	G-1	P9	K-1
IC6	G-1	IC28	C-2	IC40	H-3	IC56	G-3	IC66	M-2	P10	L-1
IC14	C-1	IC29	C-2	IC41	H-3	IC57	K-1	P1	L-2	Q1	F-1
IC17	J-1	IC30	H-2	IC42	D-2	IC58	L-2	P2	M-2	TG1	E-3
IC18	D-1	IC31	H-2	IC43	D-2	IC59	K-1	P3	K-2	TP1	G-1
IC22	D-2	IC32	J-2	IC50	E-2	IC60	L-1	P4	L-2	TP2	G-1



(COMPONENT SIDE)



(FOIL SIDE)

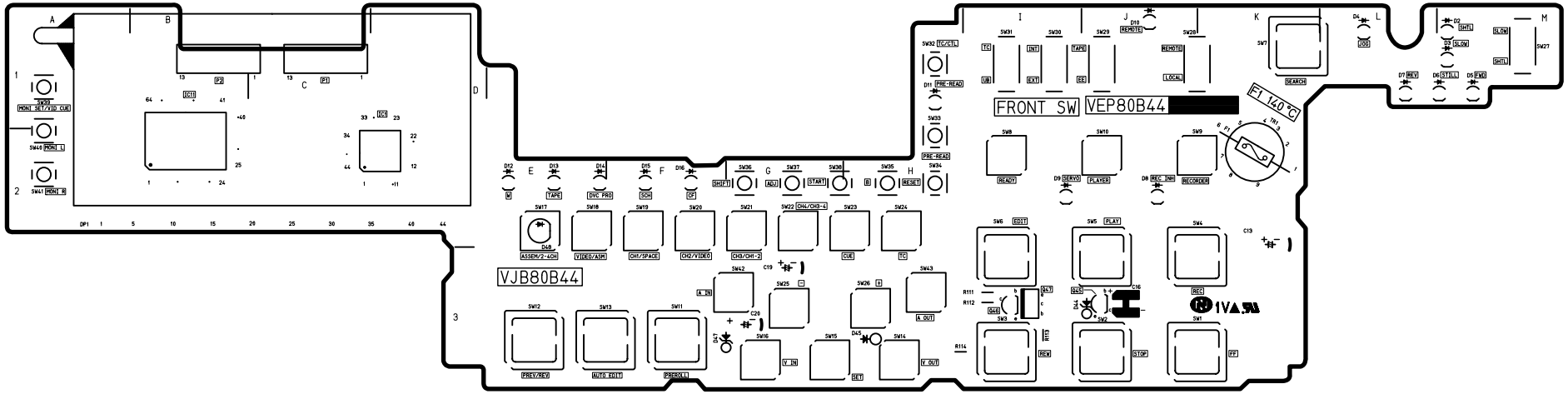
FOIL SIDE

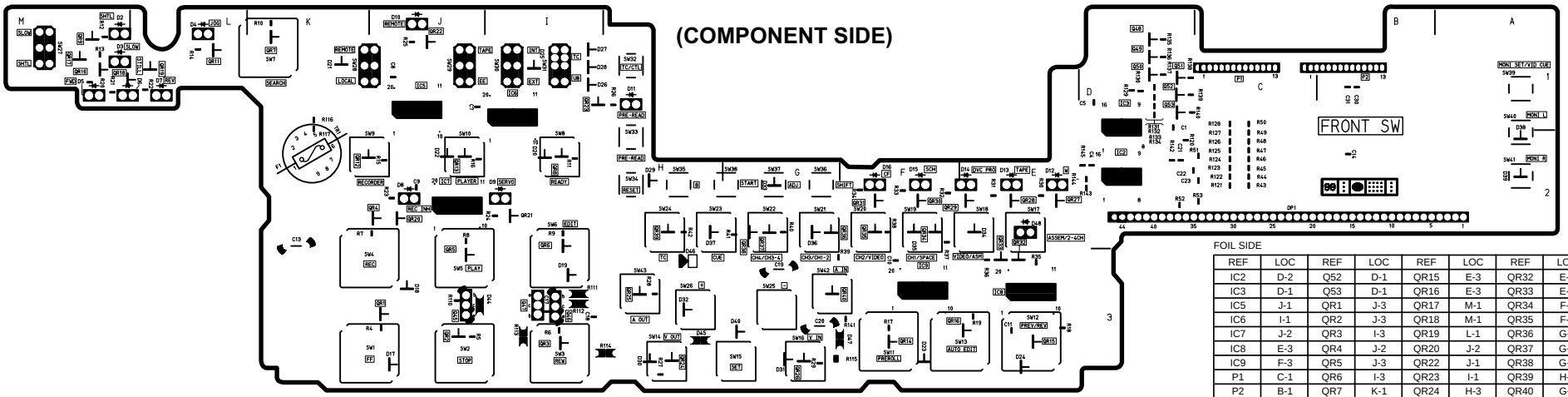
REF	LOC
IC1	G-2
IC2	E-2
IC20	F-3
IC21	F-3
P1	L-2
P2	M-2
P3	K-2
P4	L-2
P5	M-1
P6	H-1
P7	E-2
P8	C-3
Q1	F-1
Q2	F-1

FRONT SW P.C.BOARD (VEP80B44C)

COMPONENT SIDE

REF	LOC
IC1	D-1
IC11	B-1
P1	C-1
P2	B-1
Q45	J-3
Q46	I-3
Q47	I-3





(COMPONENT SIDE)

(FOIL SIDE)

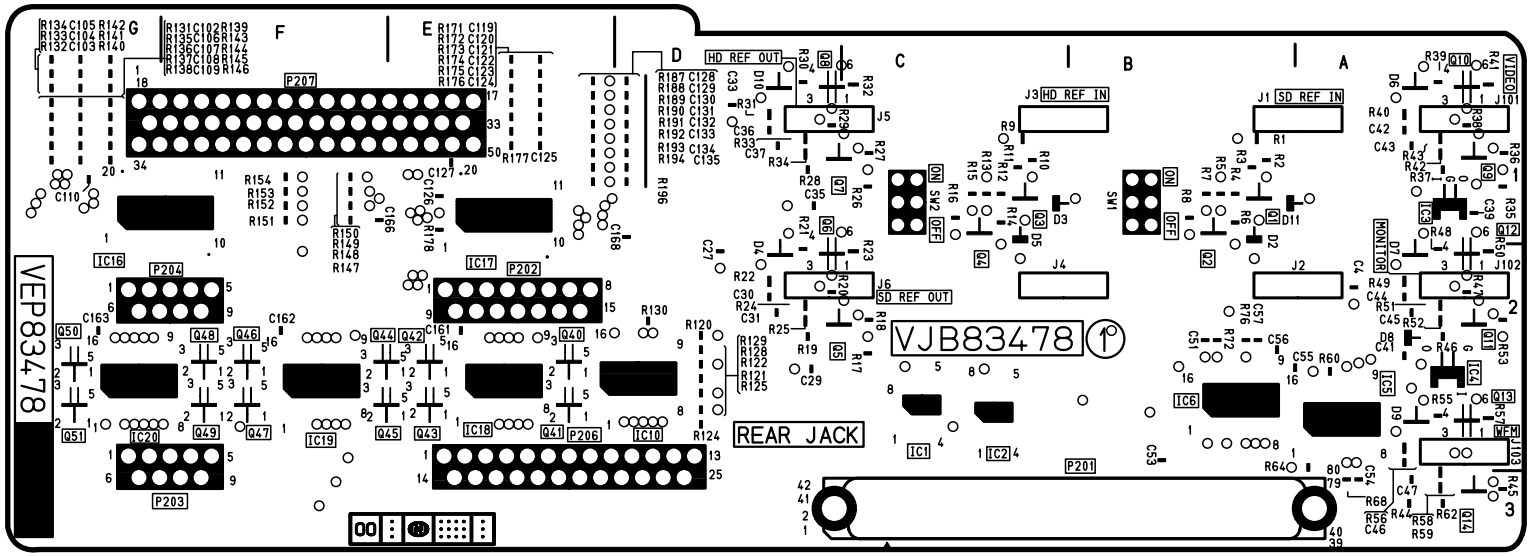
FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2	D-2	Q52	D-1	QR15	E-3	QR32	E-3
IC3	D-1	Q53	D-1	QR16	E-3	QR33	E-3
IC5	J-1	QR1	J-3	QR17	M-1	QR34	F-2
IC6	I-1	QR2	J-3	QR18	M-1	QR35	F-2
IC7	J-2	QR3	I-3	QR19	L-1	QR36	G-2
IC9	F-3	QR5	J-3	QR22	J-1	QR38	G-2
P1	C-1	QR6	I-3	QR23	I-1	QR39	H-2
P2	B-1	QR7	K-1	QR24	H-3	QR40	G-3
Q45	J-3	QR8	I-2	QR25	H-3		
Q46	I-3	QR9	M-1	QR26	G-3		
Q47	I-3	QR10	M-1	QR27	E-2		
Q48	D-1	QR11	L-1	QR28	E-2		
Q49	D-1	QR12	K-2	QR29	E-2		
Q50	D-1	QR13	J-2	QR30	F-2		
Q51	D-1	QR14	F-3	QR31	F-2		

REAR JACK P.C.BOARD (VEP83478A)

FOIL SIDE

REF	LOC	REF	LOC
IC1	C-2	Q11	A-2
IC2	C-2	Q12	A-1
IC3	A-1	Q13	A-2
IC4	A-2	Q14	A-3
IC5	A-2	Q40	E-2
IC6	B-2	Q41	E-2
IC10	D-2	Q42	E-2
IC16	G-1	Q43	E-2
IC17	E-1	Q44	E-2
IC18	E-2	Q45	E-2
IC19	F-2	Q46	F-2
IC20	G-2	Q47	F-2
P201	B-3	Q48	F-2
P202	E-2	Q49	F-2
P203	F-3	Q50	G-2
P204	F-2	Q51	G-2
P206	E-2		
P207	F-1		
Q1	B-1		
Q2	B-1		
Q3	C-1		
Q4	C-1		
Q5	D-2		
Q6	D-2		
Q7	D-1		
Q8	D-1		
Q9	A-1		
Q10	A-1		

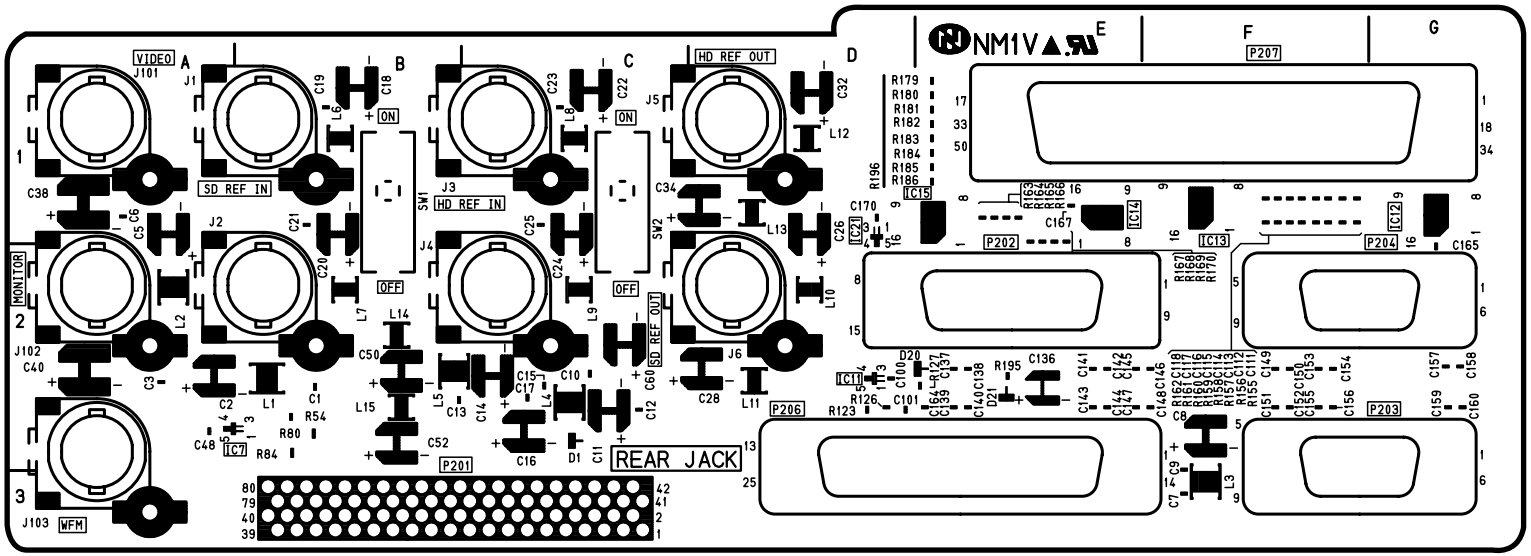


(FOIL SIDE)

REAR JACK P.C.BOARD (VEP83478A)

COMPONENT SIDE

REF	LOC
IC7	A-2
IC11	D-2
IC12	G-1
IC13	F-1
IC14	E-1
IC15	E-1
IC21	D-1
P201	B-3
P202	E-2
P203	G-2
P204	G-2
P206	D-2
P207	F-1



(COMPONENT SIDE)

POWER 1 P.C.BOARD (VEP81200C)

FOIL SIDE

REF	LOC
IC1	D-2
IC2	D-2
IC3	B-1
P1101	C-3
P1102	A-3
P1103	B-3
P1104	D-1
VR2	D-2

□ 内は充電部です。AC100Vが加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。

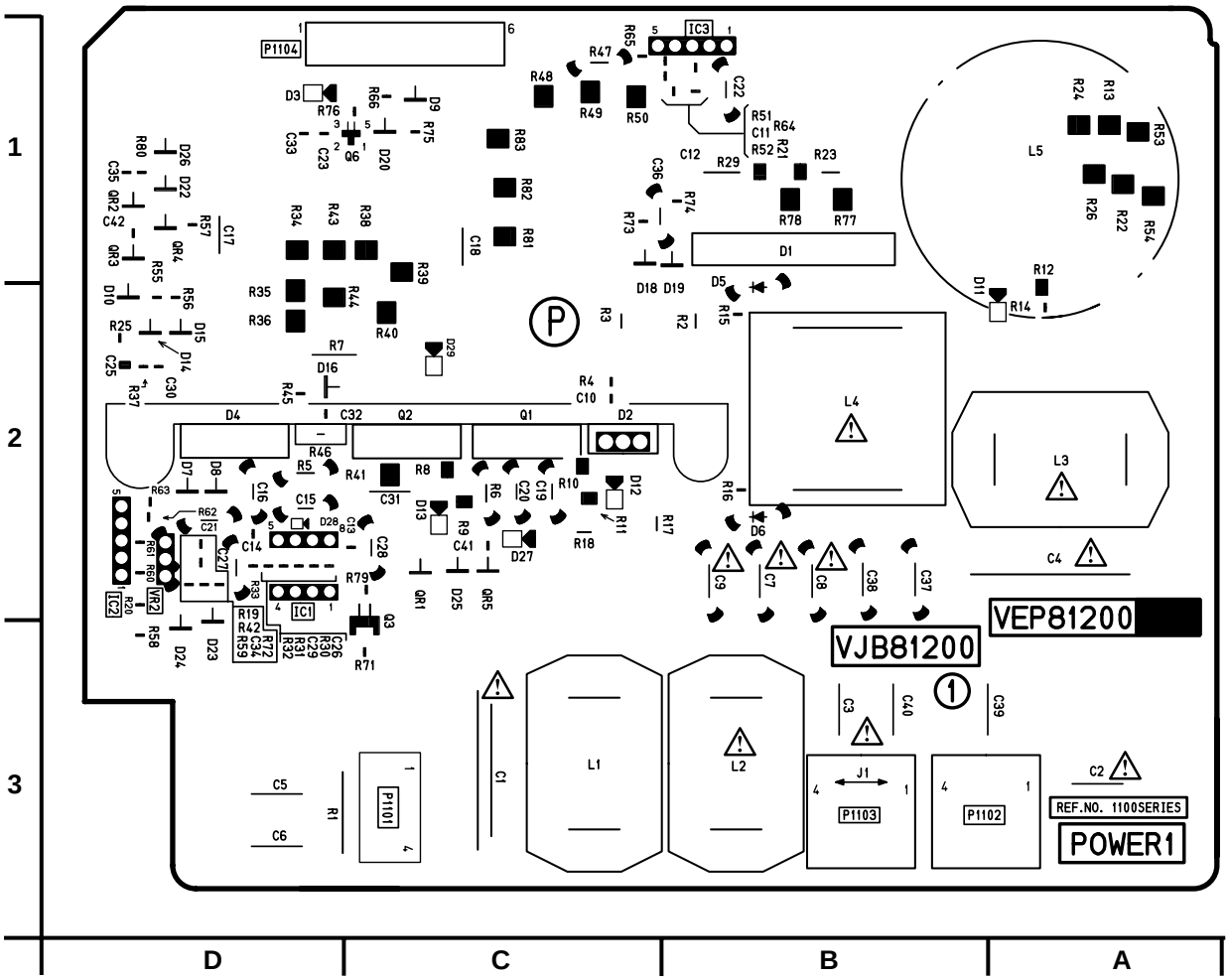
CAUTION

THE □ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT. PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

⚠ 警 告

⚠ の部品は、安全上重要な部品です。
交換するときは、安全及び性能維持のため、
必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS. USE ONLY THE SAME TYPE.



(FOIL SIDE)

POWER 1 P.C.BOARD (VEP81200C)

COMPONENT SIDE

REF	LOC
IC1	D-2
IC2	D-2
IC3	B-1
P1101	C-3
P1102	A-3
P1103	B-3
P1104	C-1
VR2	D-2

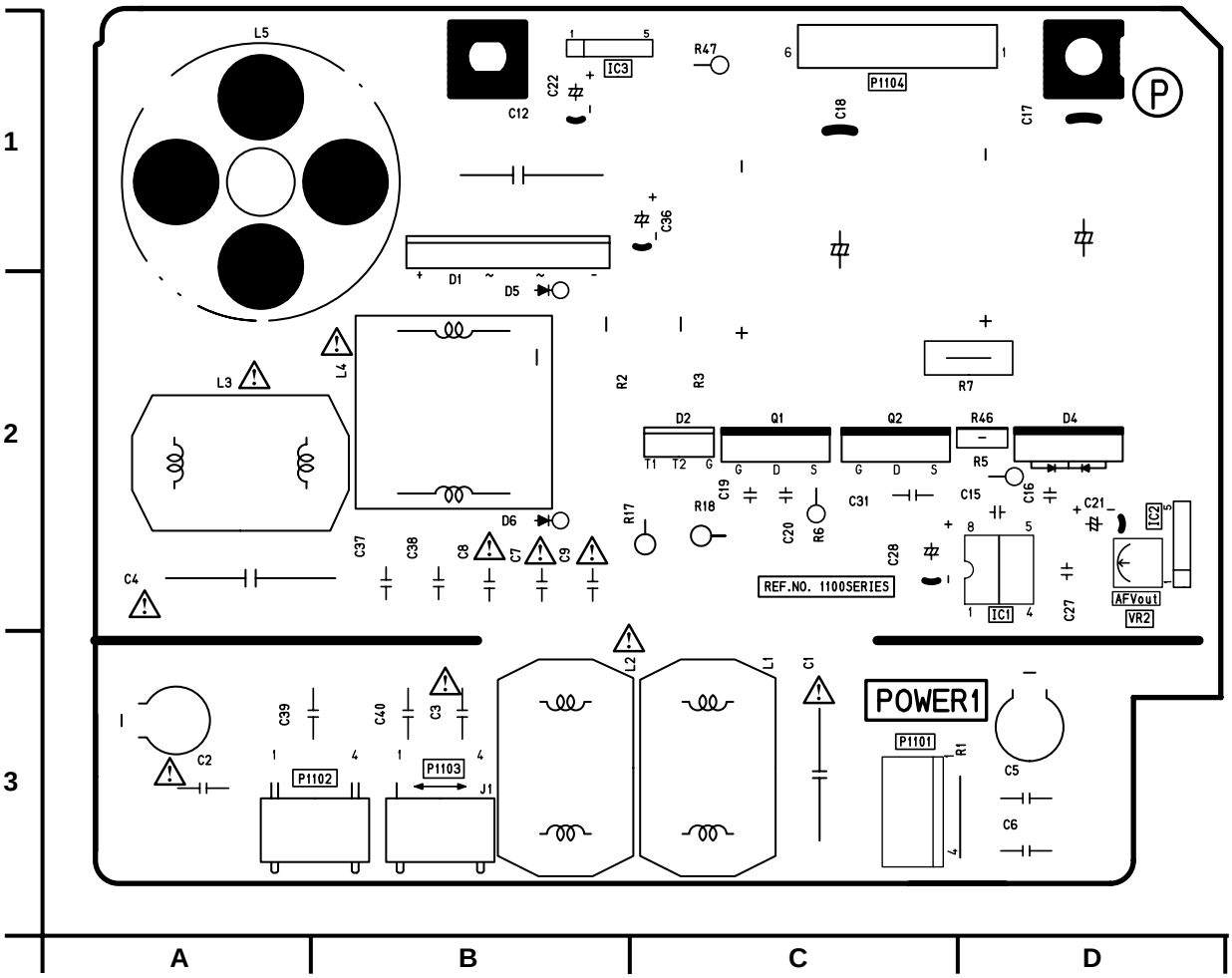
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(COMPONENT SIDE)

POWER 2 P.C.BOARD (VEP81201B)

FOIL SIDE

REF	LOC
IC1	D-1
IC2	D-2
IC11	D-2
IC12	A-2
IC13	D-3
P1011	B-3
P1012	C-3
P1013	C-3
P1014	A-3
P1015	B-1
P1016	C-3
P1017	C-3
P1018	B-3
Q11	C-1
Q12	B-1
Q13	A-2
Q14	D-2
Q15	C-2
Q16	C-2
Q20	A-2
T1	C-2
T2	B-2
VR1	D-1
VR2	D-1

□ 内は充電部です。AC100Vが加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。

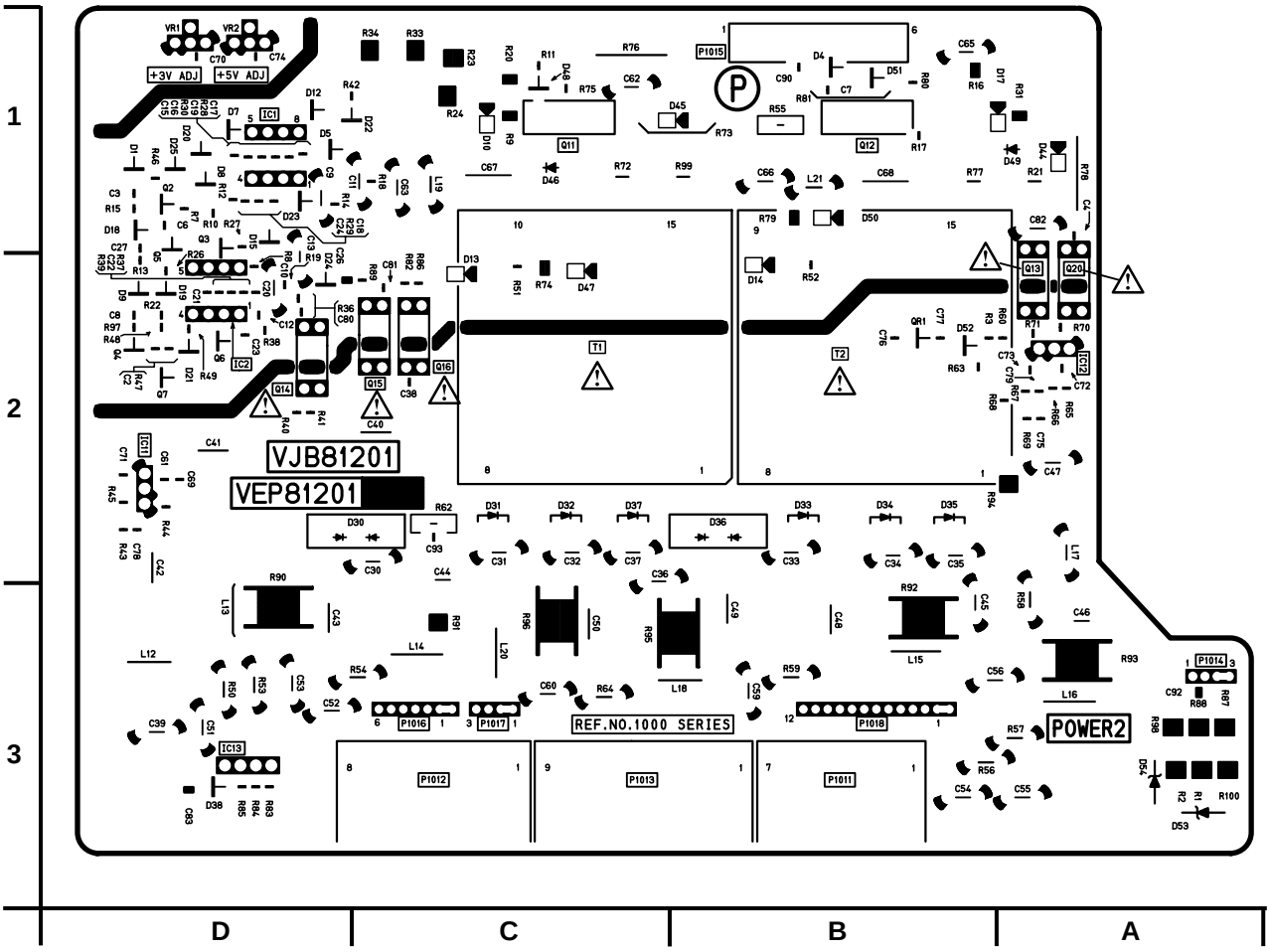
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(FOIL SIDE)

POWER 2 P.C.BOARD (VEP81201B)

COMPONENT SIDE

REF	LOC
IC1	D-1
IC2	D-1
IC11	D-2
IC12	A-2
IC13	D-3
P1011	B-3
P1012	C-3
P1013	C-3
P1014	A-3
P1015	B-1
P1016	D-3
P1017	C-3
P1018	B-3
Q11	C-1
Q12	B-1
Q13	A-2
Q14	D-2
Q15	C-2
Q16	C-2
Q20	A-2
T1	C-2
T2	A-2
VR1	D-1
VR2	D-1

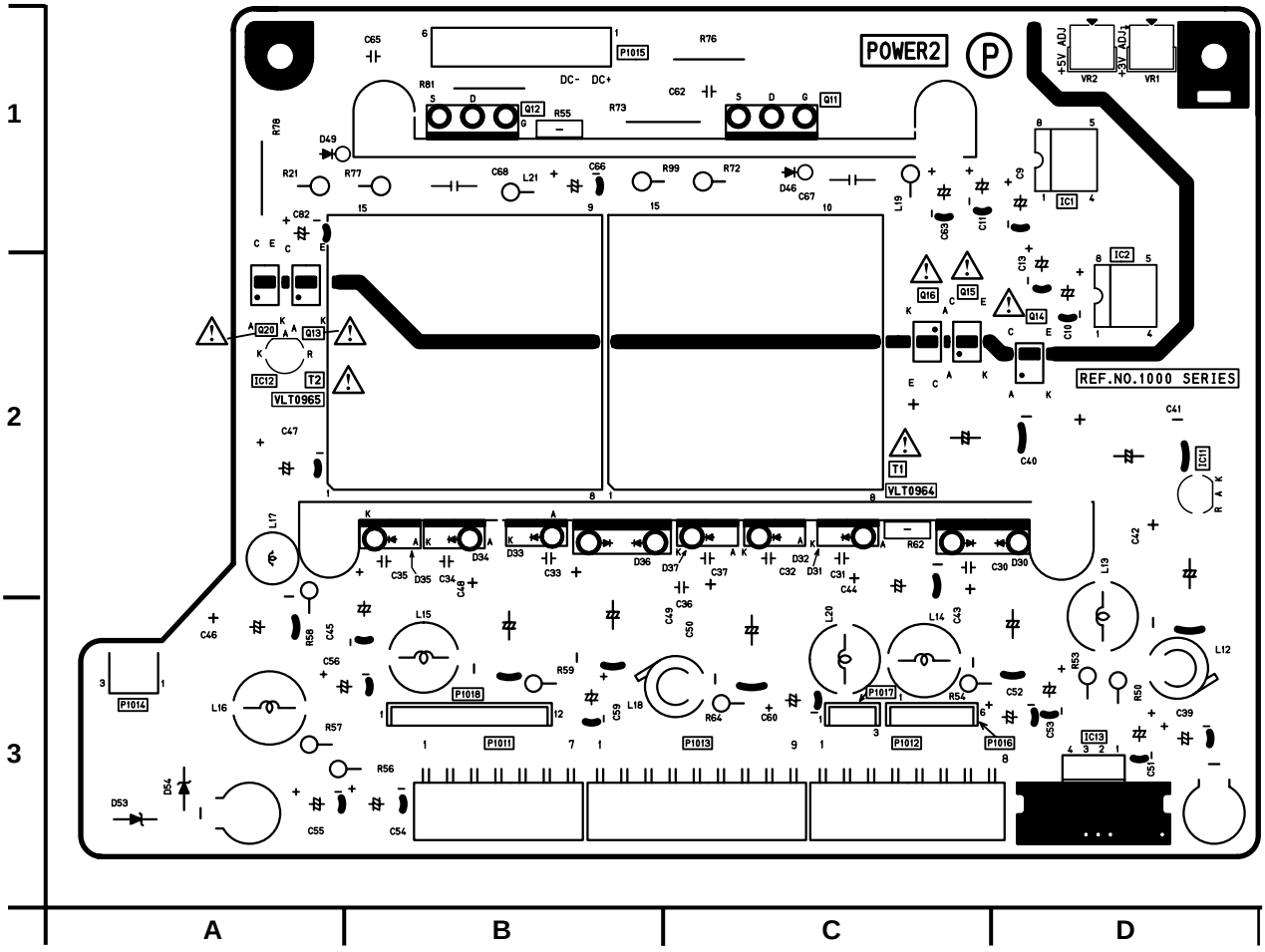
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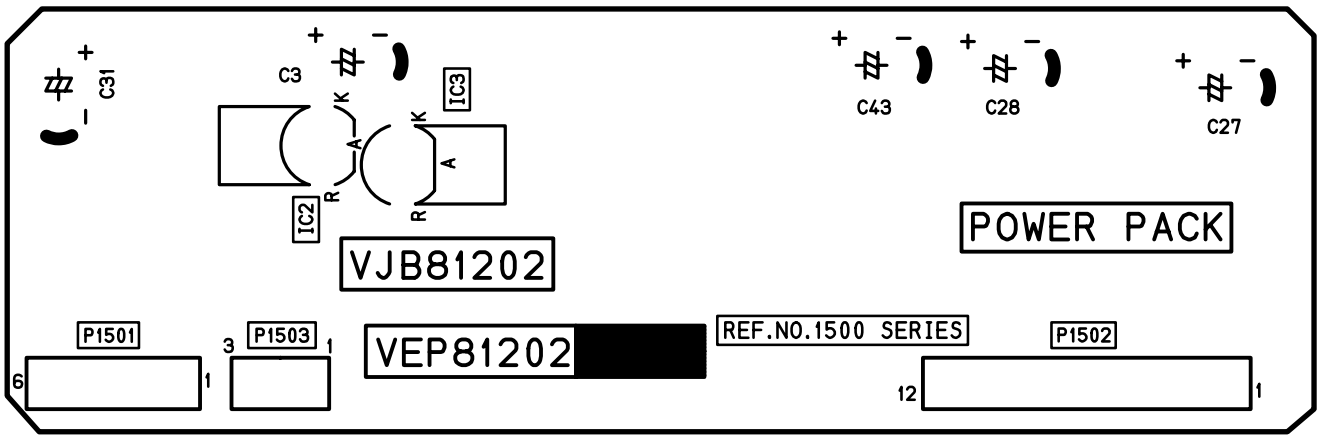


(COMPONENT SIDE)

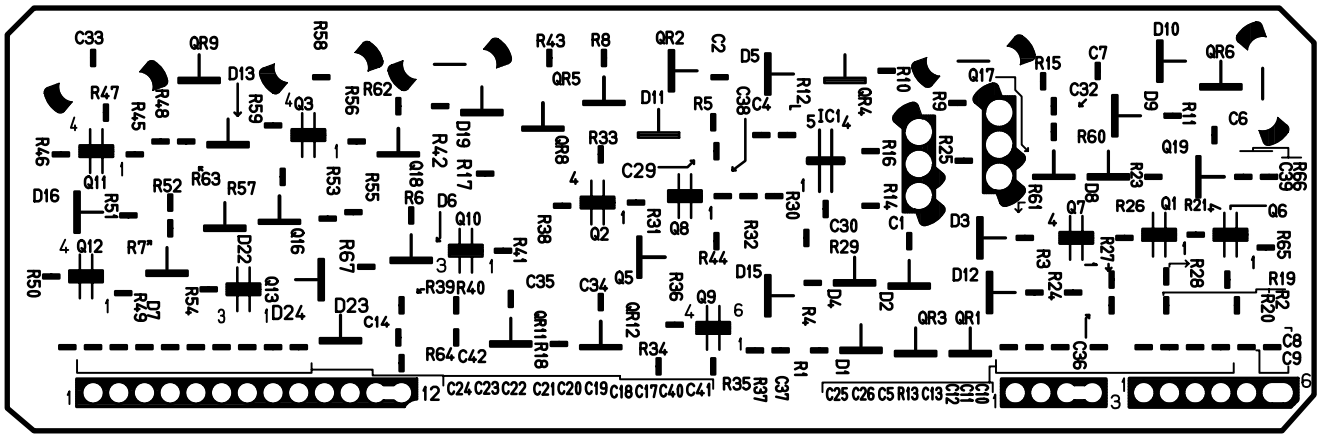
POWER PACK P.C.BOARD (VEP81202B)

COMPONENT SIDE

REF	LOC
IC2	A-1
IC3	A-1
P1501	A-1
P1502	B-1
P1503	A-1

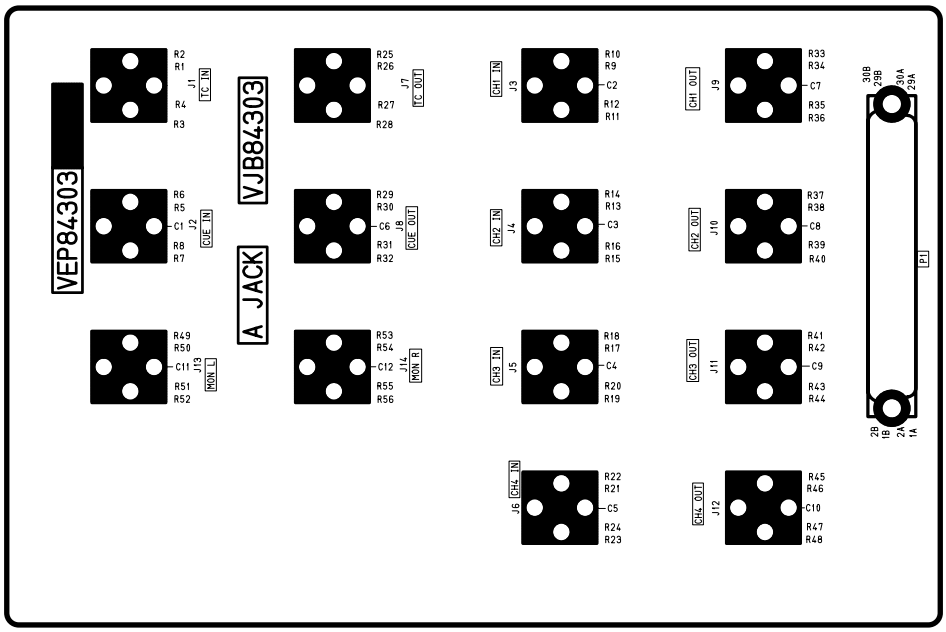


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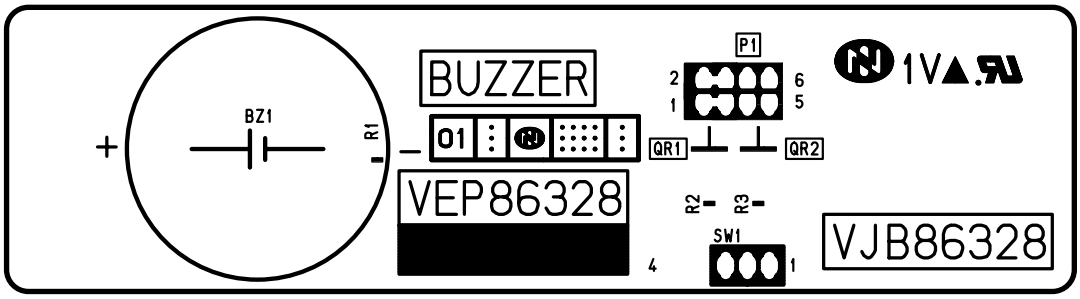
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A JACK P.C.BOARD (VEP84303B)



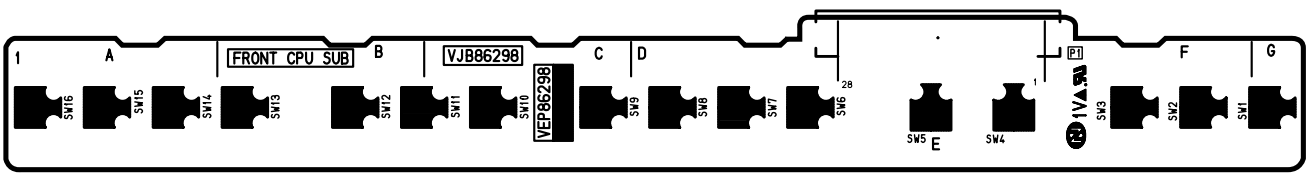
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BUZZER P.C.BOARD (VEP86328A)



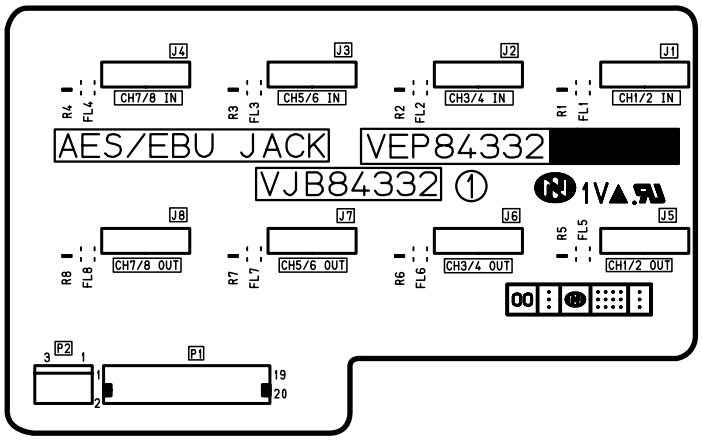
(FOIL SIDE)

FRONT CPU P.C.BOARD (VEP86298A)



(COMPONENT SIDE)

AES/EBC JACK P.C.BOARD (VEP84332A)

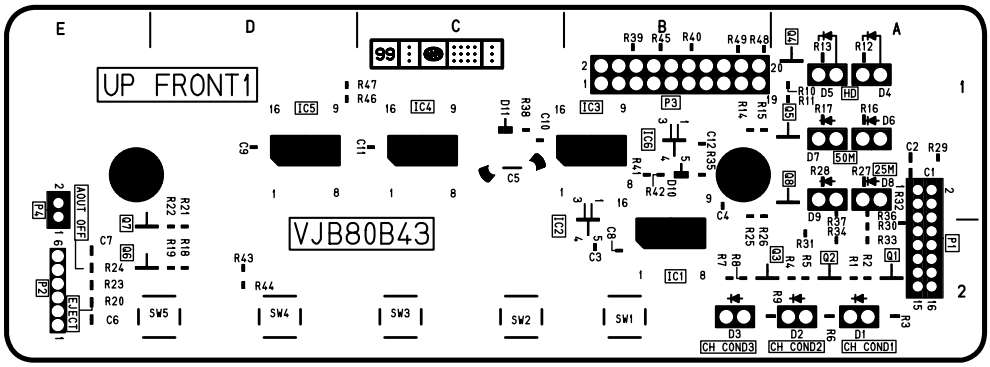


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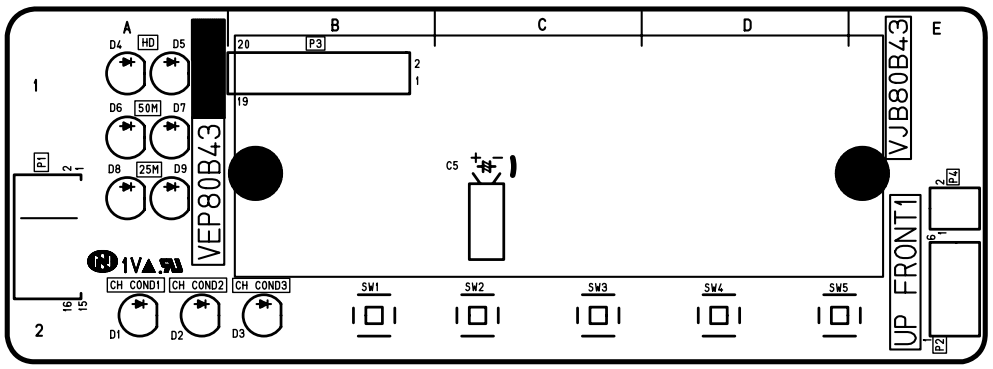
UP FRONT 1 P.C.BOARD (VEP80B43B)

FOIL SIDE

REF	LOC
IC1	B-2
IC2	B-2
IC3	B-1
IC4	C-1
IC5	D-1
IC6	B-1
P1	A-2
P2	E-2
P3	B-1
P4	E-1
Q1	A-2
Q2	A-2
Q3	A-2
Q4	A-1
Q5	A-1
Q6	E-2
Q7	E-2
Q8	A-1



(FOIL SIDE)



COMPONENT SIDE

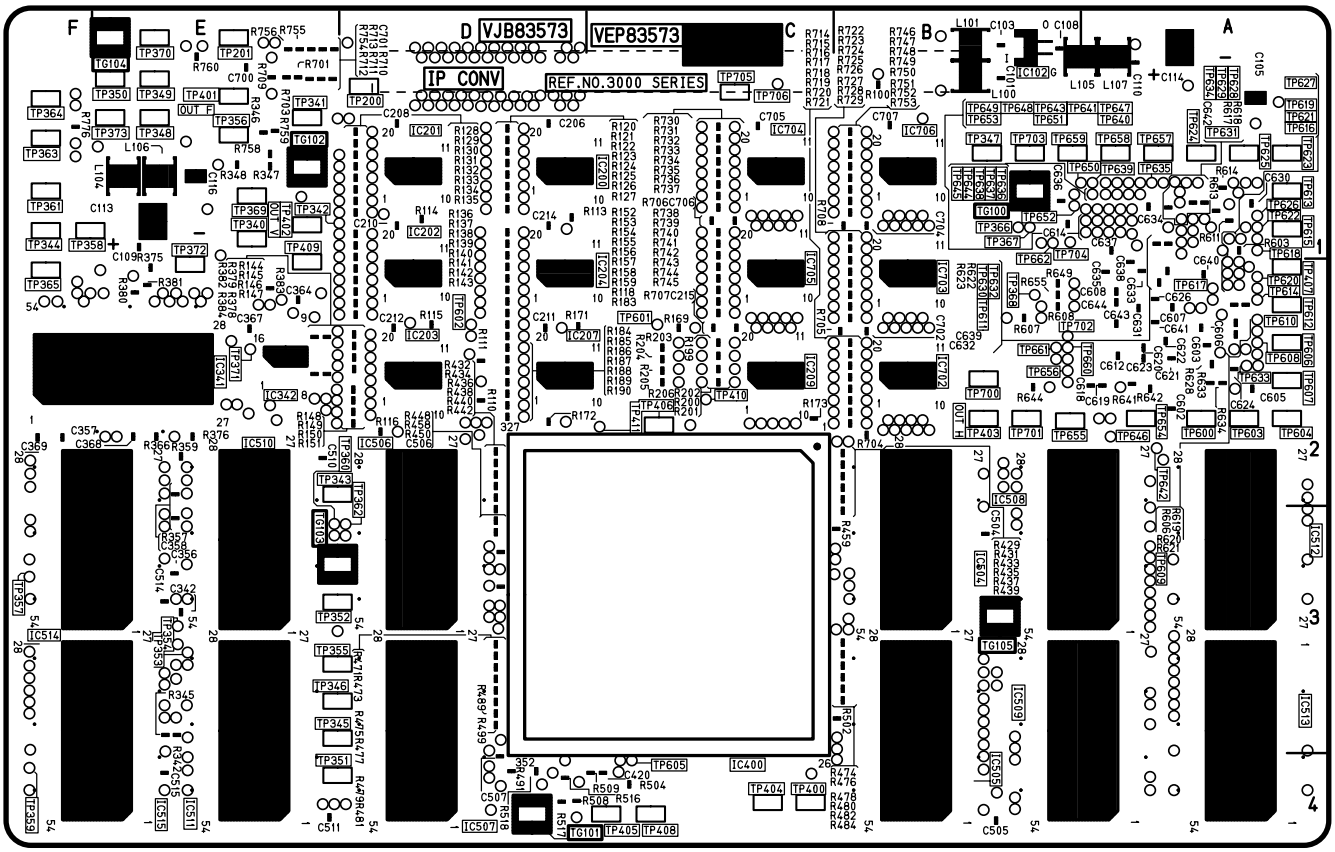
REF	LOC
P1	A-1
P2	E-2
P3	B-1
P4	E-1

(COMPONENT SIDE)

F4 SUB : UD CONV P.C.BOARD (VEP83573A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC102	B1	IC705	C2	TP355	E3	TP408	C4	TP622	A1	TP648	B1
IC200	D1	IC706	B1	TP356	E1	TP409	E1	TP623	A1	TP649	B1
IC201	D1	TG100	B1	TP357	F3	TP410	C2	TP624	A1	TP650	B1
IC202	D3	TG101	D4	TP358	F1	TP411	C2	TP625	A1	TP651	B1
IC203	D3	TG102	E1	TP359	F4	TP600	A2	TP626	A1	TP652	B1
IC204	D3	TG103	E3	TP361	F1	TP601	C2	TP627	A1	TP653	B1
IC207	D3	TG104	E1	TP362	D3	TP602	D2	TP628	A1	TP654	A2
IC209	C2	TG105	B3	TP363	F1	TP603	A2	TP629	A1	TP655	B2
IC341	E2	TP200	D1	TP364	F1	TP604	A2	TP630	A2	TP656	B2
IC342	E2	TP201	E1	TP365	F2	TP605	C4	TP631	A1	TP657	A1
IC400	C3	TP306	D3	TP366	B1	TP606	A2	TP632	A2	TP658	A1
IC504	B3	TP340	E1	TP367	B1	TP607	A2	TP633	A2	TP659	B1
IC505	B3	TP341	E1	TP368	B2	TP608	A2	TP634	A1	TP660	B2
IC506	D3	TP342	E1	TP369	E1	TP609	A3	TP635	A1	TP661	B2
IC507	D4	TP343	D3	TP370	E1	TP610	A2	TP636	B1	TP662	B1
IC508	B2	TP344	F1	TP371	E2	TP611	A2	TP637	B1	TP700	B2
IC509	B3	TP345	E3	TP372	E2	TP612	A2	TP638	B1	TP701	B2
IC510	E3	TP346	E3	TP373	E1	TP613	A1	TP639	A1	TP702	B2
IC511	E4	TP347	B1	TP400	C4	TP614	A2	TP640	B1	TP703	B1
IC512	A3	TP348	E1	TP401	E1	TP615	A1	TP641	B1	TP704	B1
IC513	A3	TP349	E1	TP402	E1	TP616	A1	TP642	A2	TP705	C1
IC514	F3	TP350	E1	TP403	B2	TP617	A2	TP643	B1	TP706	C1
IC515	E4	TP351	E4	TP404	C4	TP618	A2	TP644	B1		
IC702	B2	TP352	E3	TP405	C4	TP619	A1	TP645	B1		
IC703	B2	TP353	E3	TP406	C2	TP620	A2	TP646	A2		
IC704	C1	TP354	E3	TP407	A2	TP621	A1	TP647	B1		

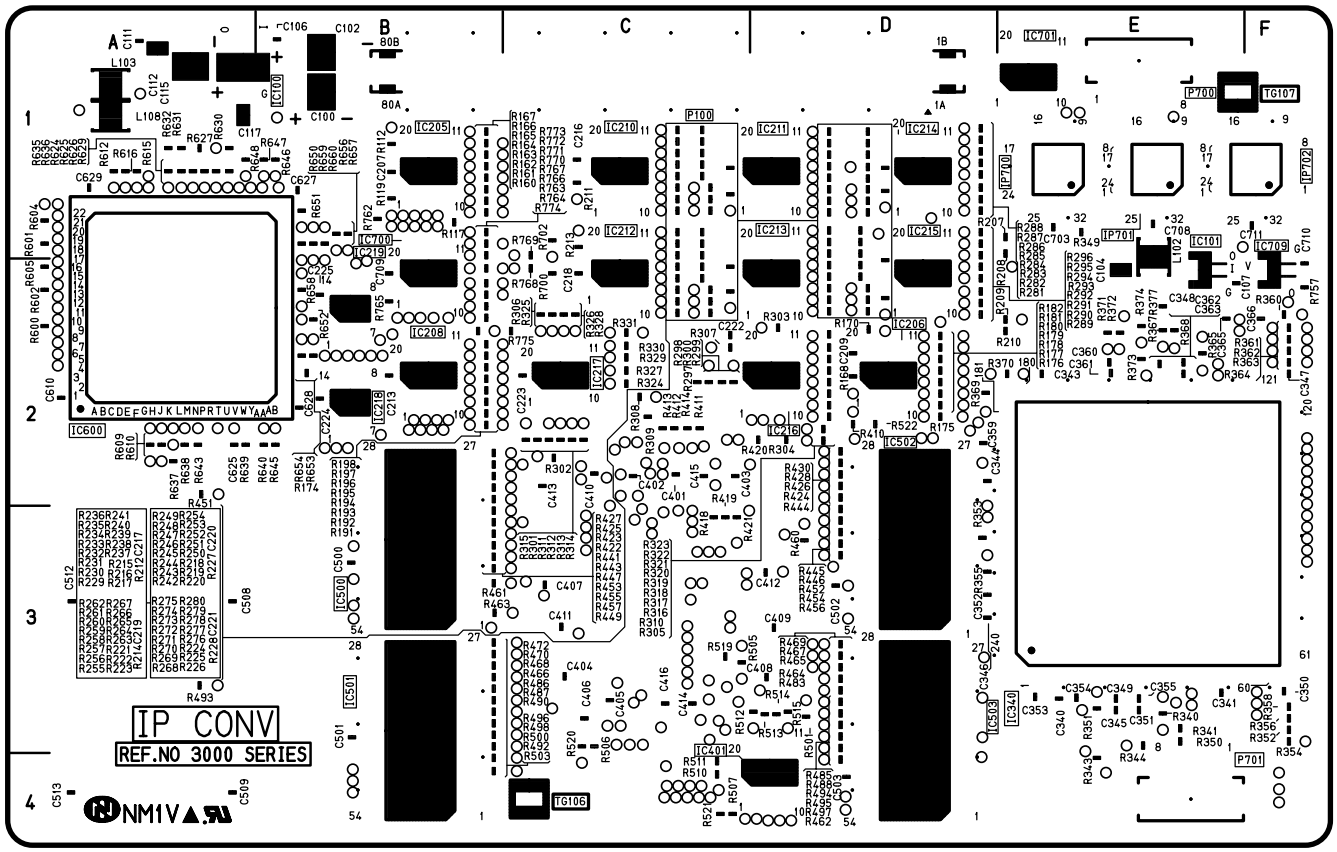


(FOIL SIDE)

F4 SUB : UD CONV P.C.BOARD (VEP83573A)

COMPONENT SIDE

REF	LOC	REF	LOC
IC100	B1	IP701	E1
IC101	E2	IP702	F1
IC205	B1	P100	C1
IC206	D2	P700	E1
IC208	B2	P701	E4
IC210	C1	TG106	C4
IC211	D1	TG107	E1
IC212	C1		
IC213	D1		
IC214	D1		
IC215	D1		
IC216	D2		
IC217	C2		
IC218	B2		
IC219	B2		
IC340	E4		
IC401	D4		
IC500	B3		
IC501	B3		
IC502	D3		
IC503	D4		
IC600	A2		
IC700	B1		
IC701	E1		
IC709	F2		
IP700	D1		



(COMPONENT SIDE)

SECTION 8

EXPLODED VIEWS
&
REPLACEMENT PARTS LIST

Note:

1. *Be sure to make your orders of replacement parts according to this list.
2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μF), P=μμF.
3. The P.C. Board untils marked with "■" shown below the main assembled parts.
4. The parts marked with Ⓔ on the exploded view show the electric parts.
5. IMPORTANT SAFETY NOTICE
   Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.
6. The marking (RTL) indicates the retention time is limited for this item.
   After the diacontinuation of this assembly in production, it will no longer be available.

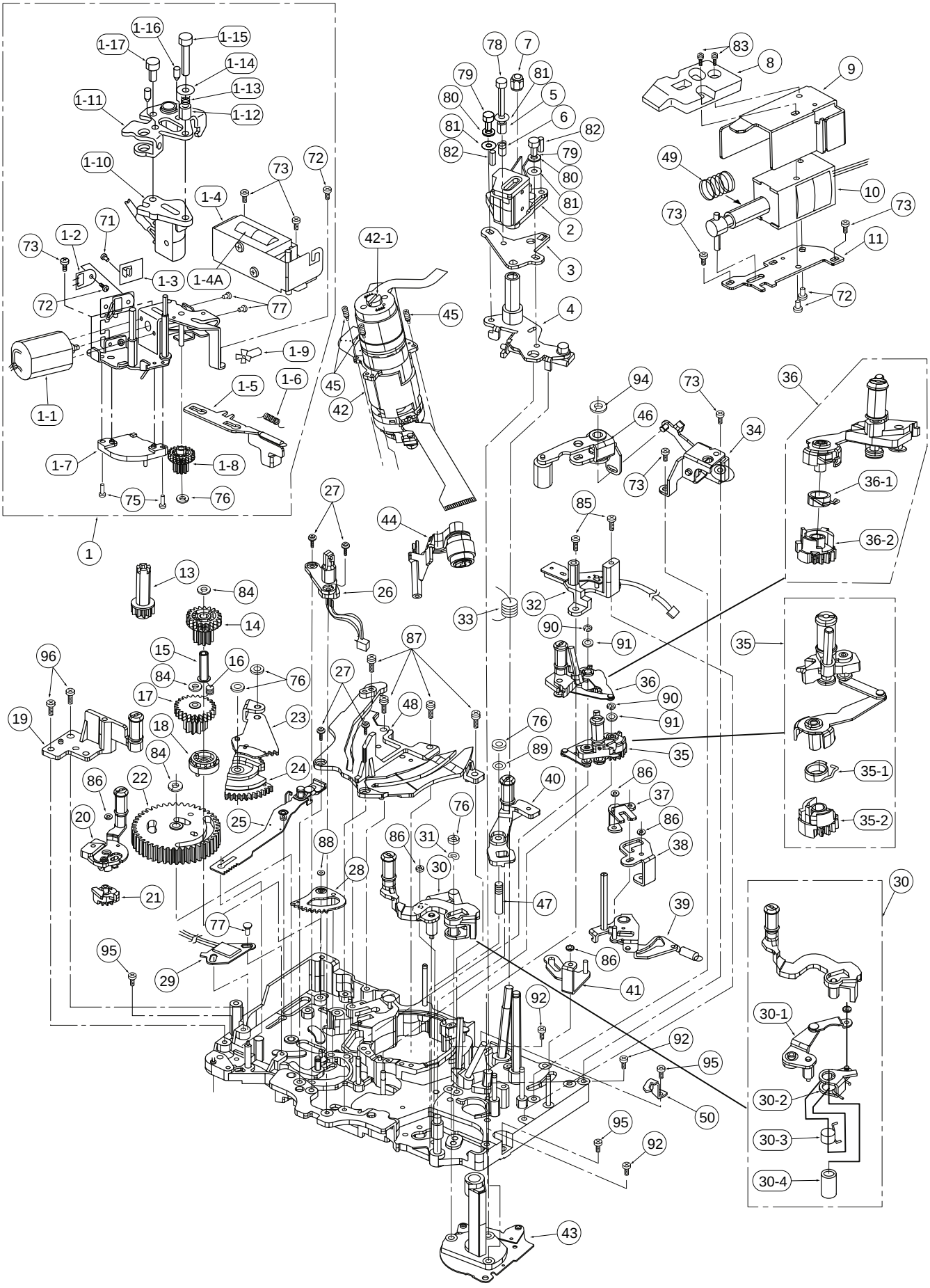
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ELECTRICAL REPLACEMENT PARTS LIST PRT-20

SERVICING FIXTURES & TOOLS

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VFK1145A	BACK TENSION METER	1	
2	VFK1149A	POST DRIVER	1	
3	VFK71A	DIAL TORQUE GAUGE	1	(1.5CN.M)
4	VFK1191A	DIAL TORQUE GAUGE	1	(0.45CN.M)
5	VFK1152	GORQUE GAUGE ADAPTOR	1	
6	VFK0357	ECCENTRIC SCREWDRIVER	1	(1.5MM)
7	VFK1154	POST HIGHT TOOL	1	
8	VFK1586	MECH. NEUTRAL PLATE (L)	1	FOR L CASSETTE
9	VFK1587	NEUTRAL POSITION TOOL	1	(WITH HOLE)
10	VFK1588	NEUTRAL POSITION TOOL	1	(WITH HOLE)
11	VFK1150	NUT DRIVER (5.5MM)	1	
12	VFK1188A	DIAL TENSION GAUGE	1	(300MN)
13	VFK0749	FROIRAL GREASE	1	
14	M0R265	MORLYTONE GREASE	1	
15	VFK0948A	CHECK LIGHT	1	
16	VFK1146	PHILIPS DRIVER	1	(00-75)
17	VFK1147	SCREW DRIVER	1	(00-100)
18	VFK1148	HEX DRIVER (1.5MM)	1	
19	VFK1178	HEX DRIVER (0.89MM)	1	
20	VFK1179	HEX DRIVER (0.71MM)	1	
21	VFK1589	A/C HEAD FIXTURE	1	
22	VFK1209A	TORQUE DRIVER	1	(0.4-3KGF-CM)
23	VFK0912	TORQUE DRIVER ADAPTOR (1.5M)	1	(1.5MM)
24	VFK1300	A/D BOARD (DAQ-12,QUATECH)	1	
25	VFM3580KM	ALIGNMENT TAPE (NO.1)	1	FOR NTSC
26	VFM3581KM	ALIGNMENT TAPE (NO.2)	1	FOR NTSC
27	VFM3582KM	ALIGNMENT TAPE (NO.3)	1	FOR NTSC
28	VFM3380KM	DVCPRO 50 ALIGNMENT TAPE	1	FOR NTSC
29	VFM3010EDS	DV ALIGNMENT TAPE (COLOR BAR	1	
30	VFM3000EDS	DV ALIGNMENT TAPE (LISTA)	1	
31	AJ-CL12MP	CLIEANING TAPE	1	
32	VFK1369	TAPE SENSOR ADJ CASS	1	
33	VFK1481E	LISTA SOFTWARE	1	
34	VFK1186	LISTA CABLE	1	
35	VFK1501	F EXTENDER BOARD	1	FOR F P.C.BOARD
36	VFK1502	H EXTENDER BOARD	1	FOR H P.C.BOARD
37	VFK1304A	FLASH ROM VERSION UP TOOL	1	
38	VFK1248L	FLASH MEMORY VER UP SOFT	1	
39	VFK1503	SERVO VERSION UP SOFTWARE	1	
40	VZZ0095	CLEANING CLOTH	1	
41	VFK1590	C PLD WRITER	1	
42	VFK1593	LOOSING FIXTURE	1	
43	VFM3780KM	DVCPRO 100 ALIGNMENT TAPE	1	FOR HD LP
44	VFM3781KM	DVCPRO 100 ALIGNMENT TAPE	1	FOR HD LP
45	VFM3782KM	DVCPRO 100 ALIGNMENT TAPE	1	FOR HD LP
46	-----	EE CLEANER	1	

MECHANICAL CHASSIS ASSEMBLY (1)

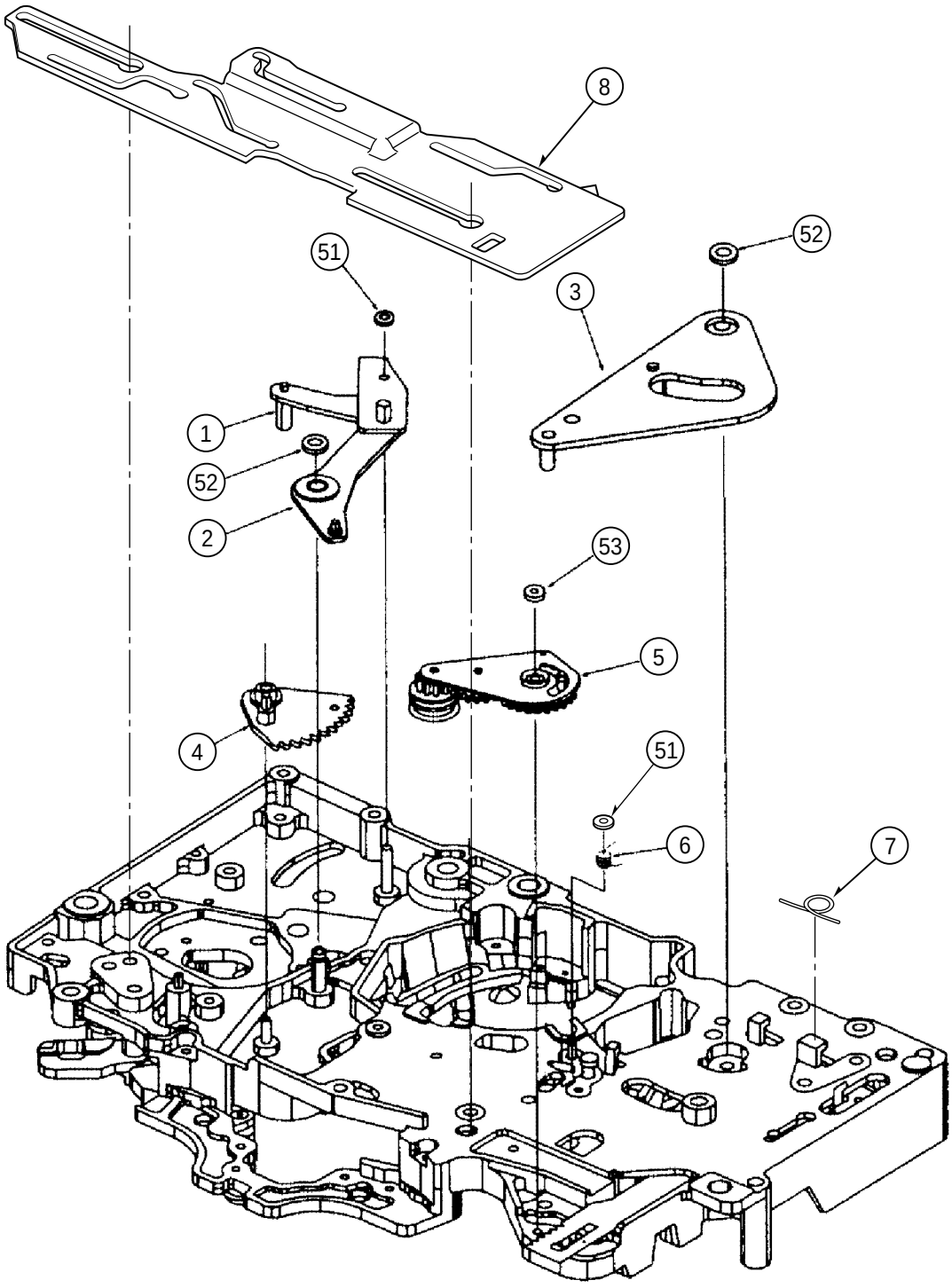


MECHANICAL CHASSIS ASSEMBLY (1)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA7041	MOTOR BRACKET	1	
1-1	VEM0726	MOTOR ASS' Y	1	(M)
1-2	VEK7927	INSULLATION SENSOR	1	EYHS77Y7
1-3	VEK8982	FG SENSOR	1	
1-4	VXA6656	CLEANER SOLENOID ASS' Y	1	
1-4A	VSJ0226	CLEANER SOLENOID	1	(M)
1-5	VMM0441	CLEANER ROD	1	
1-6	VMB3454	CLEANER SPRING	1	
1-7	VES0925	MODE SW ASS' Y	1	(M)
1-8	VDG1426	WORM WHEEL	1	
1-9	VXP2029	WORM	1	
1-10	VED0468	PRE CTL HEAD 1 ASS' Y	1	(M)
1-11	VXA6737	PRE CTL HOLDER ASS' Y	1	
1-12	VMS5987	AZIMUTH SLEEVE	1	
1-13	VMB2937	A/C HEAD ADJUST SPRING	1	
1-14	XWG2	WASHER	1	
1-15	XVE2B10FP	SCREW	1	
1-16	XXE2A6FP	HEX SCREW	1	
1-17	XVE2B6FP	HEX SCREW	1	
2	VED0466	A/C HEAD 1 ASS' Y	1	(M)
3	VMA0F40	HORIZONTAL FIX BASE	1	
4	VXA6658	HIGHT FIX BASE	1	
5	VMS5987	AZIMUTH SLEEVE	1	
6	VMB2937	A/C HEAD ADJUST SPRING	1	
7	VHD0045	NYLON NUT	1	
8	VMA0F93	CABLE GUIDE	1	
9	VMA0E98	SOLENOIDE ANGLE	1	
10	VSJ0227	PINCH SOLENOID	1	(M)
11	VMA0E90	SOLENOID BASE	1	
13	VDG1434	EM GEAR	1	
14	VDG1437	CAM CONNECTION GEAR B	1	
15	VMX2993	EM SLEEVE	1	
16	VMB3440	EM GEAR SPRING	1	
17	VDG1423	CAM CONNECTION GEAR A	1	
18	VXP2037	EMARGENCY CONNECTION GEAR	1	
19	VXA7367	S4 POST BASE ASS' Y	1	(M)
20	VXL3005	S TENSION ARM ASS' Y	1	(M)
21	VDG1438	TENSION LEG GEAR	1	
22	VDG1424	MAIN CAM GEAR	1	(M)
23	VXA6647	S LOAD SECTOR GEAR	1	
24	VDG1422	S CONNECTION GEAR	1	
25	VXA6717	EM ROD ASS' Y	1	
26	VEK8936	LED ASS' Y	1	
27	LMHD16064	SCREW	4	
28	VXA6700	TENSION LEG SECTOR GEAR	1	
29	VXA6644	TENSION SENSOR ASS' Y	1	
30	VXL2976	T5 ARM 1 ASS' Y	1	(M)
30-1	VXL2989	T5 DRIVE LEVER A	1	
30-2	VXL2991	T5 DRIVE LEVER B	1	
30-3	VMB3436	T5 CHARGE SPRING	1	
30-4	VMX2982	T5 ARM SLEEVE	1	
31	VMB3418	T5 THRUST SPRING	1	
32	VMD3910	TENSION BASE	1	
33	VMB3434	A/C HIGHT SPRING	1	
34	VXA6703	PINCH ELEVATOR ASS' Y	1	
35	VXA6648	T LOADING ASS' Y	1	(M)
35-1	VMB3426	T LOADING SPRING	1	
35-2	VDG1428	T LOADING GEAR	1	
36	VXA6646	S LOADING ASS' Y	1	(M)
36-1	VMB3425	S LOADING SPRING	1	
36-2	VDG1427	S LOADING GEAR	1	
37	VXL3008	SOLENOID TURN ARM	1	
38	VML3520	SLENOID CONNECTION ARM	1	
39	VXL3002	PINCH TURN ARM	1	
40	VXL2977	T6 ARM ASS' Y	1	(M)
41	VXL3011	ELEVATOR DRIVE ASS' Y	1	
42	VEG1595	CYLINDER UNIT	1	(M)
42-1	VMD3885	CAP	1	
43	VEM0717	CAPSTAN ASS' Y	1	(M)
44	VXL3028	CLEANING ARM ASS' Y	1	(M)
45	VXQ0439	SCREW	3	
46	VXL3040	PINCH ARM ASS' Y	1	(M)
47	VMB3418	T5 THRUST SPRING	1	
48	VMD4544	LOADING SECTOR GEAR ASS' Y	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
49	VMB2948	SPRING	1	
50	VMC1652	T BOAT GUIDE	1	
71	XQN2+A3	SCREW	1	
72	XQN2+A2	SCREW	4	
73	XQN2+CF3	SCREW	7	
75	XQN2+A5	SCREW	2	
76	VMX0967	CUT WASHER	5	
77	XQN16+A2	SCREW	3	
78	XVE2B12FP	HEX SCREW	1	
79	XVE2B4FZ	HEX SCREW	2	
80	XWA2B	WASHER	2	
81	XWG2A5	WASHER	3	
82	XXE2A6FP	HEX SCREW	2	
83	XYN2+K5	SCREW	2	
84	VMX1599	CUT WASHER	3	
85	XQN2+CF4	SCREW	2	
86	VMX1061	WASHER	5	
87	XYN2+C6	SCREW	4	
88	VMX2027	CUT WASHER	1	
89	XWGV2Y4G	WASHER	1	
90	XUC12FP	E-RING	2	
91	XWGV15Z32G	WASHER	2	
92	XQN2+B3FZ	SCREW	3	
94	VMX0653	CUT WASHER	1	
95	XYN26+C5	SCREW	3	
96	XQN2+C4	SCREW	2	
*	VXY1700Z1	MECHANIZM ASS' Y	1	(M)

MECHANICAL CHASSIS ASSEMBLY (2)

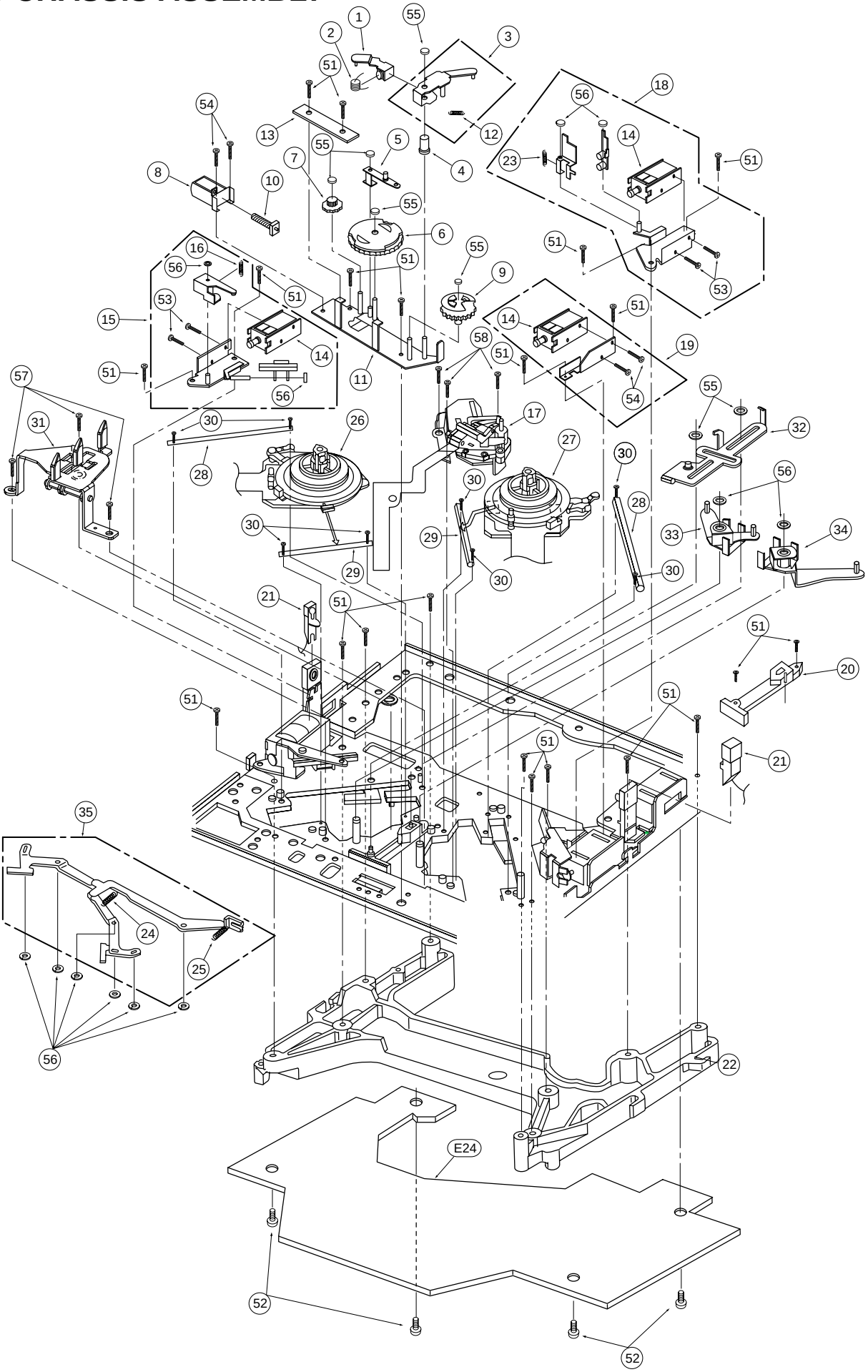


MECHANICAL CHASSIS ASSEMBLY (2)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXL3007	PINCH DRIVE ARM	1	
2	VXL3010	CONNECTION ARM	1	
3	VXL3043	MAIN CAM ARM	1	
4	VXA6649	T ROD SECTOR GEAR	1	
5	VXL3024	IDLER ARM ASS' Y	1	
6	VMB3445	TENSION LEG SECTOR GEAR	1	
7	VMB3453	EM ROD SPRING	1	
8	VMA0E80	MAIN ROD	1	
51	VMX1061	WASHER	2	
52	VMX0967	CUT WASHER	2	
53	VMX2391	CUT WASHER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

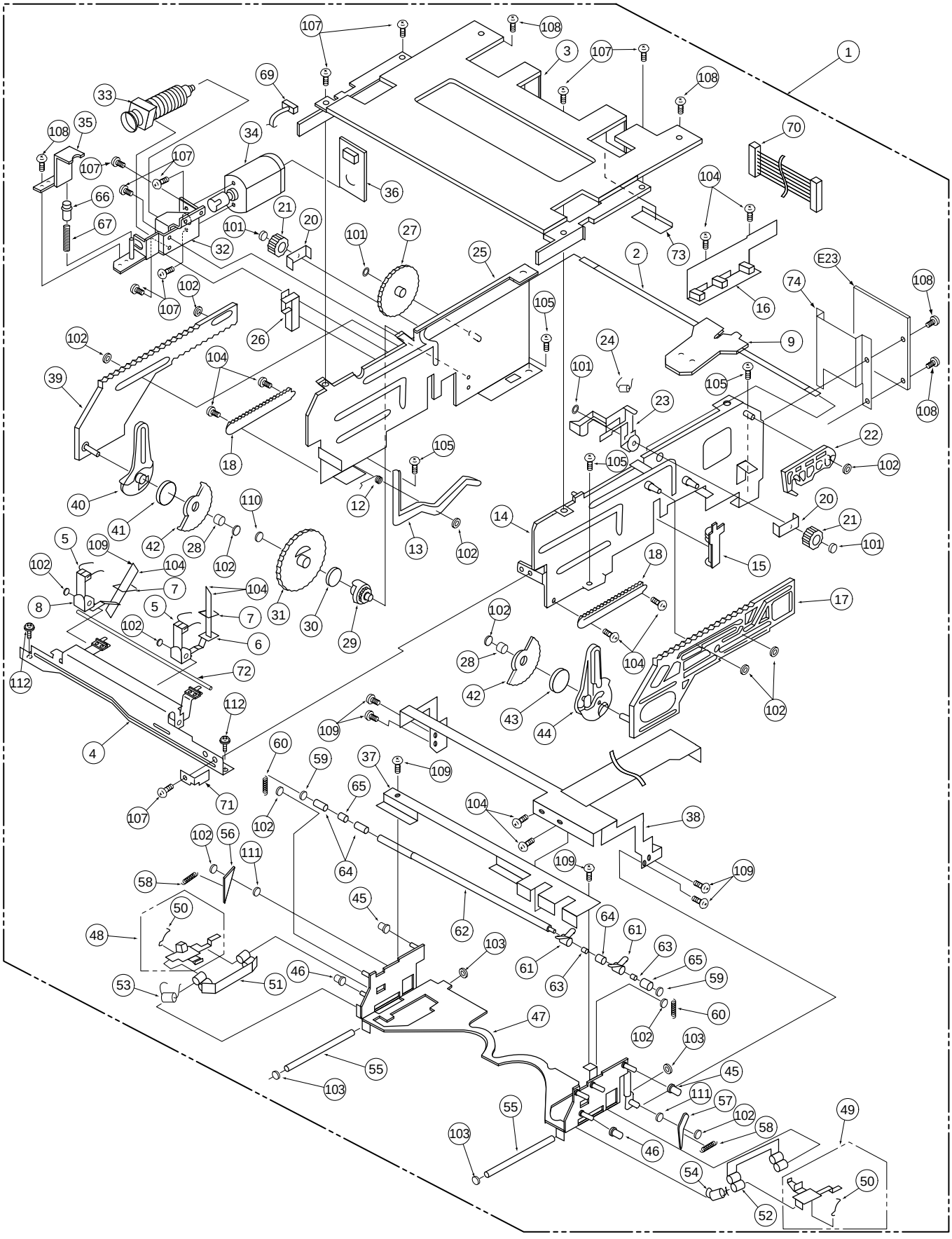
SUB CHASSIS ASSEMBLY



SUB CHASSIS ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXL2656C	MIC DRIVE ARM A ASS' Y	1	OR VXL2656C
2	VMB3018	MIC DRIVE SPRING	1	
3	VXL2657	MIC DRIVE ARM B ASS' Y	1	OR VXL2657C
4	VDB1429	MIC DRIVE ARM BOSS	1	
5	VXL2613C	REEL DRIVE ARM ASS' Y	1	OR VXL2613C
6	VDG1192	REEL DRIVE CAM GEAR	1	
7	VDG1193	REEL DRIVE WORM WHEEL	1	
8	VEM0585	REEL DRIVE MOTOR ASS' Y	1	(M)
9	VDG1211	MIC GENEVA GEAR	1	
10	VXP1698C	REEL DRIVE WORM ASS' Y	1	OR VXP1698C
11	VXA5628	MOTOR BASE ASS' Y	1	OR VXA5628C
12	VMB3019	MIC DRIVE RETURN SPRING	1	
13	VEK7726	REEL SENSOR P.C.BOARD	1	OR VEK7726C
14	VSJ0216	SOLENOID	3	(M)
15	VXA5575	S-BRAKE SOLENOID BASE ASS' Y	1	OR VXA5575C
16	VMB2957	S BRAKE SPRING	1	
17	VXA7484C	DISTINCTION SW ASS' Y	1	(M)
18	VXA6651	T BRAKE SOLENOID ASS' Y	1	
19	VXA5579C	M STOPPER SOLENOID ASS' Y	1	OR VXA5579C
20	VMD3908	SLIDE ROD STOPPER	1	
21	VEK7692	SENSOR HOLDER ASS' Y	2	
22	VMA0L40	SUB CHASSIS SUPPORT PLATE	1	
23	VMB2987	T BRAKE SPRING	1	
24	VMB2955	M STOPPER SPRING (1)	1	
25	VMB3439	RELEASE SPRING	1	
26	VEM0718	S REEL MOTOR ASS' Y	1	(M)
27	VEM0730	T REEL MOTOR ASS' Y	1	(M)
28	VMS5923	REEL OUTER RAIL	2	
29	VMS5924	REEL INNER RAIL	2	
30	VHD0995	SCREW	8	
31	VXA6650	BRAKE RELEASE ASS' Y	1	
32	VXA6652	SLIDE ROD	1	
33	VXL2980	S BASE DRIVE ARM	1	
34	VXL2981	T BASE DRIVE ARM	1	
35	VXL2982	M STOPPER DRIVE ARM ASS' Y	1	
51	XQN2+CF4	SCREW	21	
52	XYN26+F5	SCREW	4	
53	XQN2+A1.5	SCREW	4	
54	XQN2+A2	SCREW	4	
55	VMX1079	CUT WASHER	7	
56	VMX0967	CUT WASHER	12	
57	XQN2+CF3	SCREW	3	
58	XQN2+AF3	SCREW	3	
E24	VEP82231A	MECHA I/F P.C.BOARD	1	

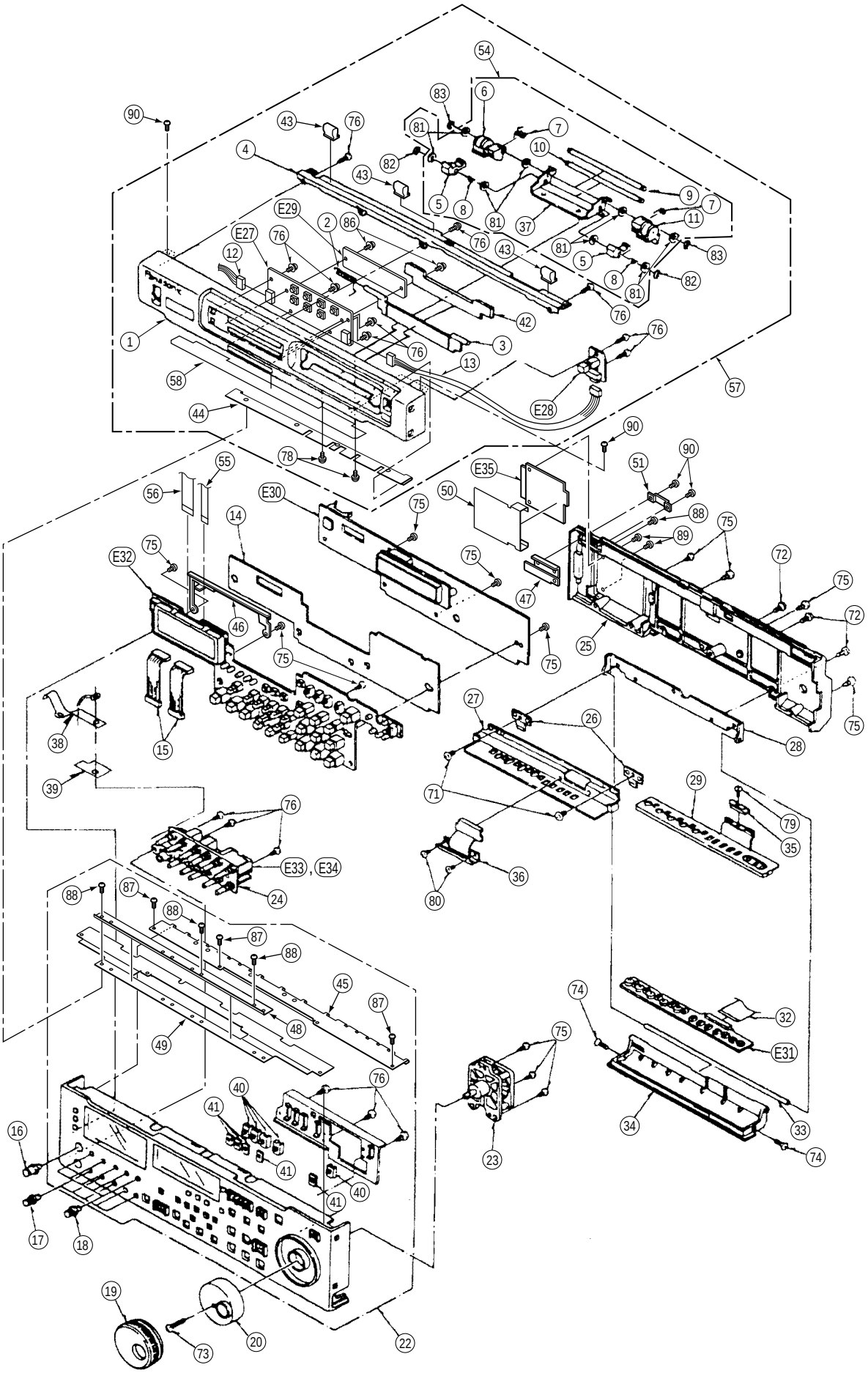
FRONT LOADING ASSEMBLY



FRONT LOADING ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA7347	FRONT LOADING ASS' Y	1	(M)
2	VMS5865	MAIN SHAFT	1	
3	VMA9849	TOP PLATE	1	
4	VMA0M72	FRONT GUIDE 1 ASS' Y	1	
5	VMB3075	M GUIDE SPRING	2	
6	VML3191	M GUIDE RIGHT LEVER	1	
7	VML3192	M FRONT GUIDE	2	
8	VML3190	M GUIDE LEFT LEVER	1	
9	VML3397	CASSETTE PROTECT PLATE	1	
12	VMB2926	SPRING	1	
13	VML2A50	BLINDER PANEL OPENER	1	
14	VXA7355	SIDE PLATE R 1 ASS' Y	1	
15	VML3282	SUB RAIL (R)	1	
16	VEK7695	SIDE FLEXIBLE	1	
17	VXA5766	MAIN RACK R ASS' Y	1	
18	VDG1156	WIPER RACK	2	
20	VDB1395	MAIN SHAFT ANGLE	2	
21	VDG1412	INTERLOCK GEAR	2	
22	VML3193	OPENER DRIVE ARM	1	
23	VXL2692	OPENER ANGLE ASS' Y	1	
24	VMB2979	SPRING	1	
25	VXA7353	SIDE PLATE L 1 ASS' Y	1	
26	VML3281	SUB RAIL (L)	1	
27	VDG1413	INTERAMEDIATE GEAR	1	
28	VDP1643	WIPER ROLLER	2	
29	VDG1414	CLUTCH GEAR	1	
30	VMB2980	CLUTCH SPRING	1	
31	VDG1236	WORM WHEEL	1	
32	VXA5848	MOTOR ANGLE (A) ASS' Y	1	
33	VXP1797	E.E SLOT IN WORM ASS' Y	1	
34	VXA5597	MOTOR ASS' Y	1	(M)
35	VMA9673	EMARGENCY ANGLE	1	
36	VEK7793	MOTOR P.C.BOARD	1	
37	VMA9668	HOLDER PLATE	1	
38	VEK7715	HOLDER FLEXIBLE ASS' Y	1	
39	VXA6075	MAIN RACK (L) ASS' Y	1	
40	VML3485	WIPER ARM (R)	1	
41	VMB3391	WIPER ARM (L)	1	
42	VDG1163	WIPER GEAR	2	
43	VMB3390	WIPER SPRING (L)	1	
44	VML3484	WIPER SPRING (R)	1	
45	VDP1642	CASSETTE GUIDE ROLLER (2)	2	
46	VDP1641	CASSETTE GUIDE ROLLER (1)	2	
47	VXA5757	CASSETTE HOLDER 1 ASS' Y	1	
48	VXA5758	ROD L	1	
49	VXA5759	ROD R	1	
50	VMB3064	SLIDE SPRING	2	
51	VML3249	SIDE GUIDE L	1	
52	VML3250	SIDE GUIDE R	1	
53	VMB3061	SLIDE GUIDE SPRING L	1	
54	VMB3062	SLIDE GUIDE SPRING R	1	
55	VMS6108	KICK OFF ROD SHAFT	2	
56	VML2A54	KICK OFF ARM L	1	
57	VML2A55	KICK OFF ARM R	1	
58	VMB2928	KICK OFF SPRING	2	
59	VML2A53	CASSETTE HOLDER ARM	2	
60	VMB2927	CASSETTE HOLDER SPRING	2	
61	VMX2833	M-L DETECT ROLLER	2	
62	VMS5882	CASSETTE HOLDER SHAFT	1	
63	VMB3253	M-L DETECT SPRING	2	
64	VMX2559	CASSETTE PRESSURE ROLLER(2)	3	
65	VMX2524	CASSETTE PRESSURE ROLLER(1)	2	
66	VDG1246	EMARGENCY GEAR	1	
67	VMB3109	EMARGENCY SPRING	1	
69	VEE9577	CABLE	1	
70	VEE9632	MOTOR CABLE	1	
71	VMZ3259	FPC COVER	1	
72	VMS7087	M GUIDE LEVER PIN	1	
73	VMZ3233	FLEX PROTECT SHEET	1	
74	VMZ3040	P.C.BOARD COVER	1	
101	VMX0653	CUT WASHER	4	
102	VMX0967	CUT WASHER	14	
103	VMX1061	WASHER	4	
104	LMHD16064	SCREW	11	
105	XQN2+CF3	SCREW	4	
107	VHD1323	SCREW	10	
108	XQN2+A3	SCREW	5	
109	XQN16+A2	SCREW	7	
110	XUC25FP	E-RING	1	
111	XWGV2Z5G	WASHER	2	
112	XYN2+K4	SCREW	2	
E23	VEP80856A	CARRIGE P.C.BOARD	1	

FRONT PANEL ASSEMBLY



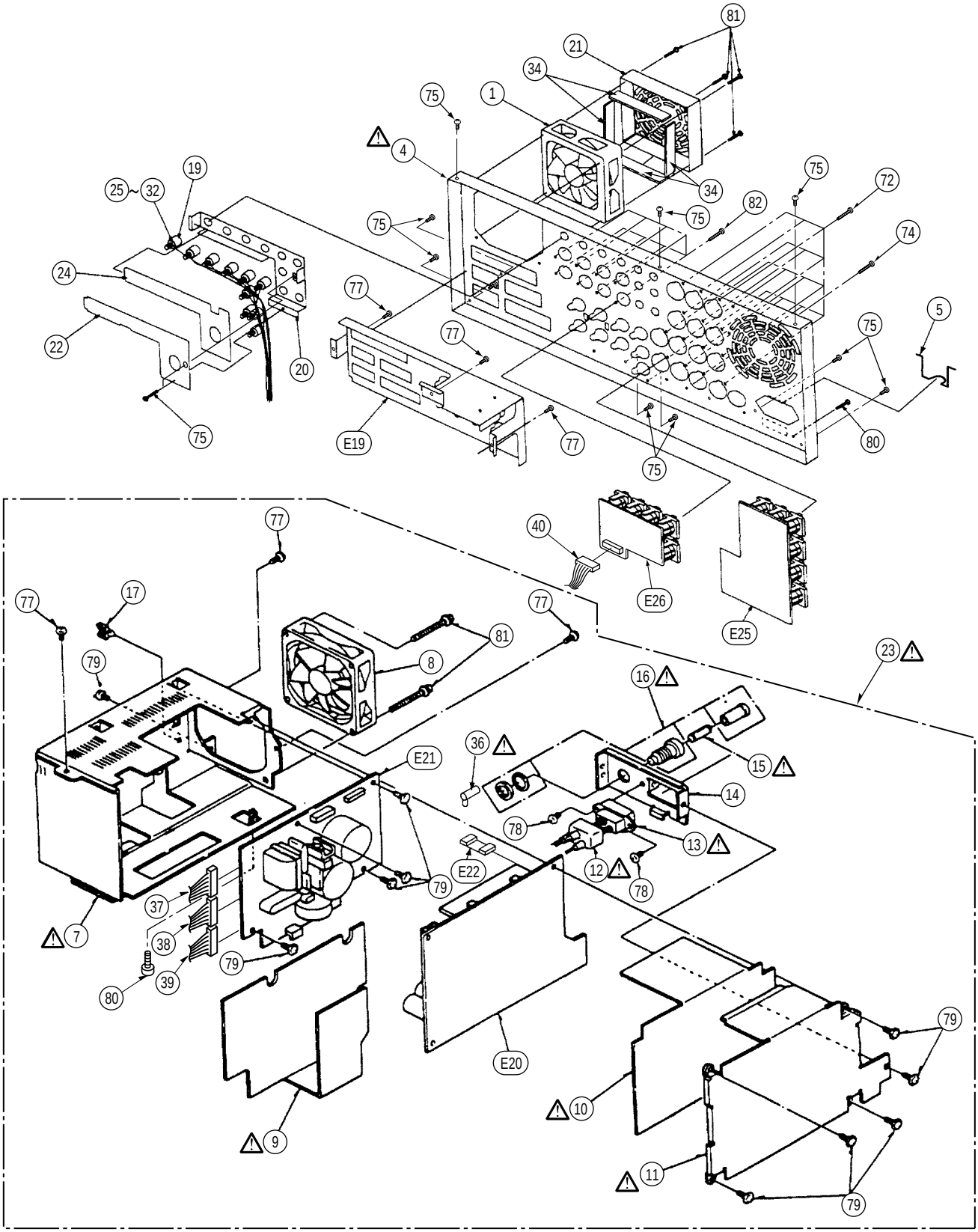
FRONT PANEL ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VYP8612	UPPER FRONT PANEL 1 ASS' Y	1	
2	VMB3417	BLINDER PANEL	1	
3	VKF3191	BLINDER PANEL	1	
4	VMP6235	FRONT PANEL ANGLE (UPPER)	1	
5	VDK0151	CASSETTE GUIDE CAM (L)	2	
6	VGQ4009	CASSETTE GUIDE (L)	1	
7	VMB3564	CASSETTE GUIDE SPRING	2	
8	VMB3565	CAM SPRING	2	
9	VMS5864	CASSETTE COVER	1	
10	VMS6017	GUIDE CAM SHAFT	1	
11	VGQ4010	CASSETTE GUIDE (R)	1	
12	VEE0K25	CONNECTION CABLE 1	1	
13	VEE0K26	CONNECTION CABLE 2	1	
14	VMZ3042	INSULATION SHEET	1	
15	VEE0K29	FRONT SW CABLE	2	
16	VGU5334	LEVER VR KNOB	1	
17	VXU0768	VR KNOB ASS' Y	5	
18	VXU1160	REC VR KNOB ASS' Y	5	
19	VGU5780	SEARCH DIAL COVER	1	
20	VGU8126	SEARCH DIAL KNOB	1	
22	VYP8438	LOWER FRONT PANEL 1 ASS' Y	1	
23	VSP1118	JOG DIAL	1	
24	VMP6000	VR ANGLE	1	
25	VKU0568	BACK COVER	1	
26	VMB2978	LEAF SPRING	2	
27	VGM1691	SUB CONTROL SUPPORT ANGLE	1	
28	VGM1287	SUB CONTROL ANGLE	1	
29	VGM1683	SUB SW ANGLE	1	
32	VWJ28C2120L0	FR CPU SUB FFC	1	
33	VMS6012	SHAFT	1	
34	VKF3541	SUB SW DOOR	1	
35	VMC1241	EARTH PLATE	1	
36	VMP5091	EARTH PLATE SUB	1	
37	VMP4863	CASSETTE GUIDE ANGLE	1	
38	VMC1277	HEAD PHONE EARTH SPRING	1	
39	VMZ3240	SPACER	1	
40	VGU5287	SLIDE KNOB	5	
41	VGF0910	SLIDE KNOB SHEET	5	
42	VGF0836	PANEL SHEET	1	
43	VMT0847	GASKET	3	
44	VMC1642	EARTH SHEET HOLDER ANGLE	1	
45	VMC1317	EARTH SHEET HOLDER ANGLE	1	
46	VMP5259	FIX ANGLE	1	
47	VMP5261	CABLE HOLDER ANGLE	1	
48	VMP5262	SHEET HOLDER ANGLE	1	
49	VSC5306	PANEL EARTH ANGLE	1	
50	VMZ3239	P.C.BOARD COVER	1	
51	VMP5260	CABLE HOLDER ANGLE	1	
54	VYQ2301	CASSETTE GUIDE ASS' Y	1	
55	VWJ20E5155A0	MEM CARD FFC 1	1	
56	VWJ40E5110A0	MEM CARD FFC 2	1	
57	VYP8611	UPPER FRONT PANEL ASS' Y	1	
58	VGF0721	BLIND SHEET (C)	1	
71	XSB3+6FZ	SCREW	2	
72	XSB3+8FZ	SCREW	3	
73	XSN2+8	SCREW	1	
74	XSS26+6FZ	SCREW	2	
75	XTN4+10G	SCREW	13	
76	XTV3+8G	SCREW	15	
78	XTV3+8F	SCREW	2	
79	XSN2+3	SCREW	1	
80	XSN26+3	SCREW	2	
81	VMX2562	WASHER	8	
82	XUC2FP	E-RING	2	
83	XUC25FP	E-RING	2	
86	XYN3+K6	SCREW	2	
87	XSB26+5	SCREW	3	
88	XSB3+4	SCREW	4	
89	XYN2+C8FZ	SCREW	2	
90	XTV3+6F	SCREW	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
E27	VEP80B43B	UP FRONT 1 P.C.BOARD	1	
E28	VEP80B56A	UP FRONT 2 P.C.BOARD	1	
E29	VEP86328A	BUZZER P.C.BOARD	1	
E30	VEP86297C	FRONT CPU P.C.BOARD	1	
E31	VEP86298A	FRONT CPU SUB P.C.BOARD	1	
E32	VEP80B44C	FRONT SW P.C.BOARD	1	
E33	VEP80963F	FRONT VR 1 P.C.BOARD	1	
E34	VEP80964E	FRONT VR 2 P.C.BOARD	1	
E35	VEP86307A	MEMORY CARD CONNECT P.C.B	1	

REAR PANEL ASSEMBLY

Components identified with the mark ⚠ have the special characteristics for safety.
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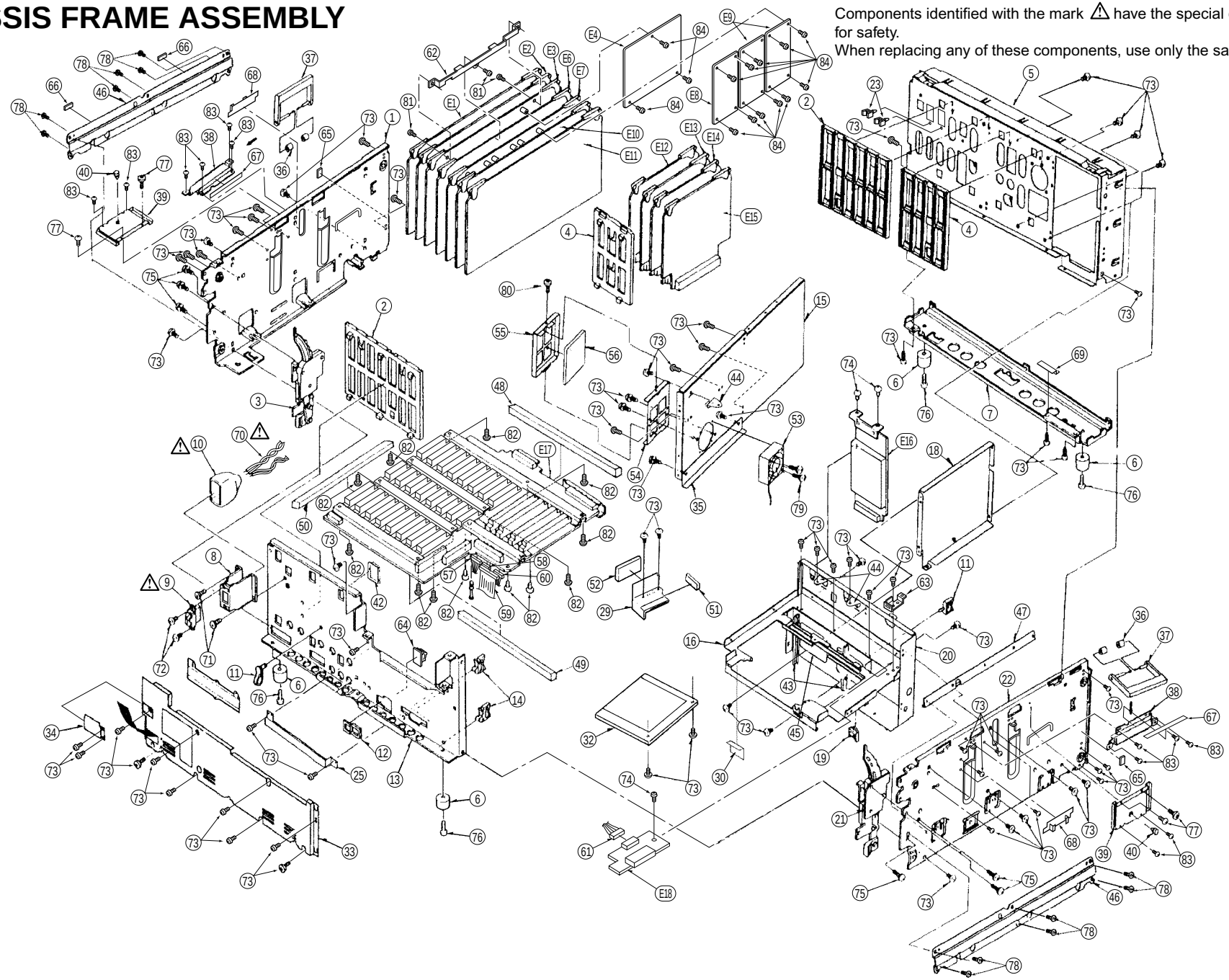
REAR PANEL ASSEMBLY

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When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VRF0208	FAN MOTOR	1	L6FALEFH0006 (M)
⚠ 4	VJH1214	JACK PANEL	1	
5	VML2903	AC CORD HOOK	1	
⚠ 7	VSC5112	POWER CASE A	1	
8	VRF0208	FAN MOTOR	1	L6FALEFH0006 (M)
⚠ 9	VMZ3013	SHIELD SHEET A	1	
⚠ 10	VMZ3014	SHIELD SHEET B	1	
⚠ 11	VSC5318	POWER CASE B	1	
⚠ 12	VMZ1252	AC INLET COVER	1	
⚠ 13	VJP0083	AC INLET	1	
14	VMP4889	AC INLET BRACKET	1	
⚠ 15	XBA1C50NB5	FUSE	1	K5D502AQ0001
⚠ 16	VJF1005	FUSE HOLDER	1	K3GA1BJ00013
17	VJF0285	WIRE LOCKING SADDLE	1	
19	VJS4132	CONNECTOR (FEMALE)	10	K1SMBDBA0001
20	VMP6288	CABLE HOLDER BASE	1	
21	VGM1747	FAN COVER	1	
22	VMP6256	CABLE HOLDER ANGLE	1	
⚠ 23	VEK9386	POWER ASS' Y	1	
24	VMT1093	CABLE RUBBER	1	
25	VEE0E12720	SDI CABLE (BLACK)	1	
26	VEE0E15740	CABLE 9 (GREEN)	1	
27	VEE0E49740	SDI CABLE (YELLOW)	1	
28	VEE0E14740	CABLE 8 (ORANGE)	1	
29	VEE0E47730	SDI CABLE (BROWN)	1	
30	VEE0E46760	SDI CABLE (GRAY)	1	
31	VEE0E48570	SDI CABLE (BLUE)	1	
32	VEE0E13570	SDI CABLE (RED)	1	
34	VMT1153	DUST PROOF RUBBER	4	
⚠ 36	VMZ2139	FUSE HOLDER COVER	1	
37	VEE0K23	POWER DC 1 CABLE	1	
38	VEE0C19	POWER DC 2 CABLE	1	
39	VEE0K31	POWER DC 3 CABLE	1	
40	VEE0K30	AES/EBU CABLE	1	
72	XSN26+6FZ	SCREW	14	
74	XTN26+6FFZ	SCREW	1	
75	XTV3+6F	SCREW	11	
77	XTV3+6FFR	SCREW	6	
78	XSB3+6FZ	SCREW	2	
79	XYN3+F8	SCREW	10	
80	XYE4+EF8	SCREW	2	
81	XYNV4+K35FCS	SCREW	6	
82	XTN3+10JFZ	SCREW	8	
E19	VEP83478A	REAR JACK P.C.BOARD	1	
E20	VEP81200C	POWER 1 P.C.BOARD	1	
E21	VEP81201B	POWER 2 P.C.BOARD	1	
E22	VEP80A58A	POWER CONNECTION P.C.B	1	
E25	VEP84303B	AUDIO JACK P.C.BOARD	1	
E26	VEP84332A	AES/EBU P.C.BOARD	1	

CHASSIS FRAME ASSEMBLY

Components identified with the mark ⚠ have the special characteristics for safety.
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CHASSIS FRAME ASSEMBLY

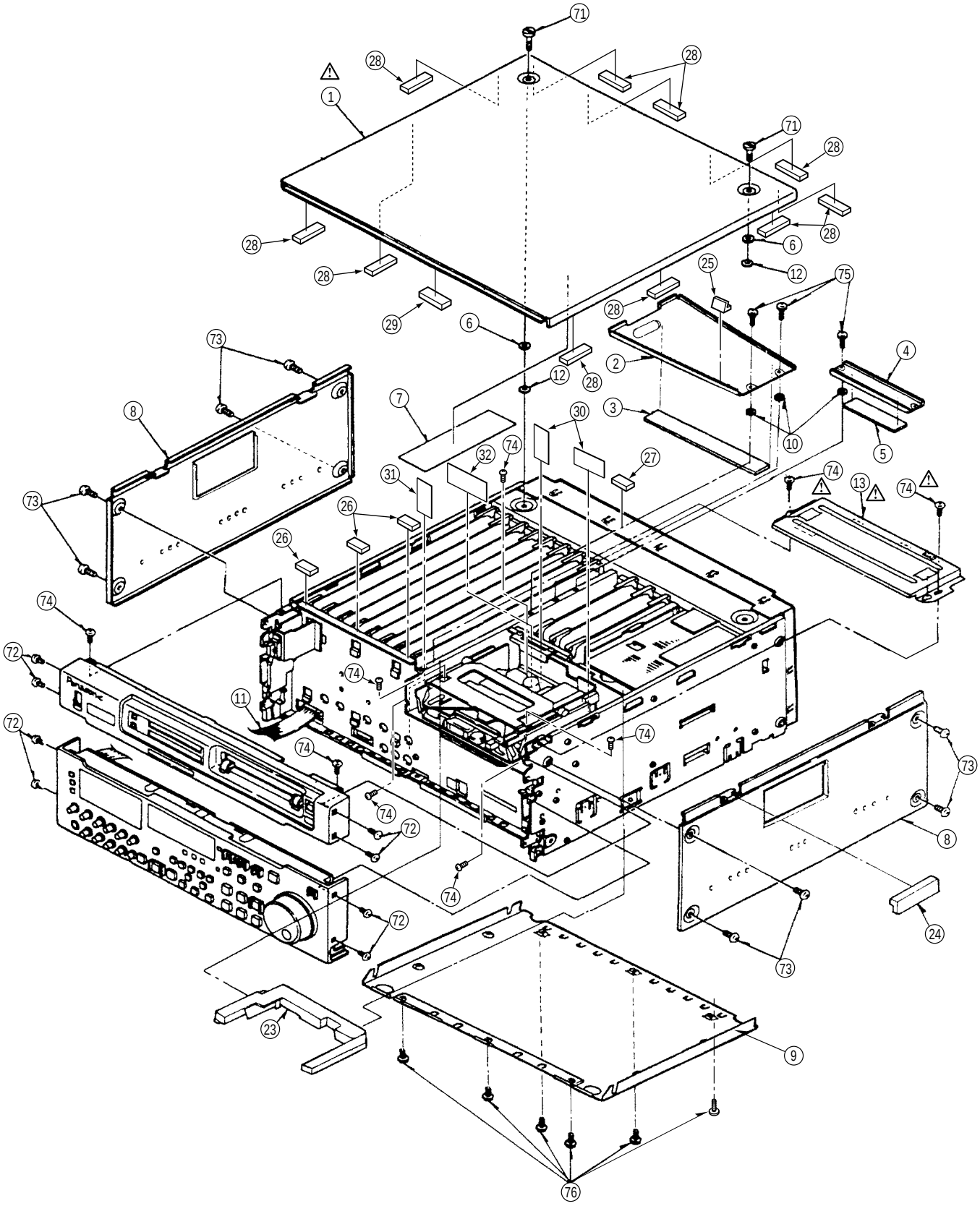
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When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VMP6237	SIDE FRAME L	1	
2	VGQ5645	P.C.B. GUIDE RAIL 7	2	
3	VYQ1258	ROTARY BRACKET L	1	
4	VGQ5646	P.C.B. GUIDE RAIL B	2	
5	VMP7130	REAR FRAME	1	
6	VKA0117	PLASTIC FOOT	4	
7	VMP6244	BOTTOM FRAME	1	
8	VMP4881	SW BRACKET	1	
⚠ 9	EST15372T	POWER SWITCH	1	
⚠ 10	VMZ0580	SW COVER	1	
11	VJF0285	WIRE LOCKING SADDLE	2	
12	VJF1259	EDGE HOLDER	1	
13	VMP6241	FRONT FRAME	1	
14	VJF0469	CLAMPER	2	
15	VMP6239	CENTER FRAME	1	
16	VXA7369	MECHA FRAME ASS' Y	1	
18	VMP6240	CENTER SUB FRAME	1	
19	VGQ1543	EDGE GUARD	1	
20	VMP6242	MECHA REAR FRAME	1	
21	VYQ1259	ROTARY BRACKET R	1	
22	VMP6238	SIDE FRAME R	1	
23	VJF0384	CLAMPER	2	
25	VMP6126	MECHA DUST PROOF (F)ASS' Y	1	
29	VMP6247	MECHA SUB REAR FRAME	1	
30	VGF0840	DUST PROOF	1	
32	VXA6706	MECHA SHIELD PLATE	1	
33	VMP6261	FRONT SHIELD ANGLE	1	
34	VMP6405	ANGLE	1	
35	VMP6246	CENTER SUB ANGLE	1	
36	VMX2994	HANDLE SPACER	4	
37	VKH0215	HANDLE ARM	2	
38	VMP6314	HANDLE BASE	2	
39	VGM1716	HANDLE COLLAR	2	
40	VMG1309	RUBBER BUTTON	2	
42	VMP6313	DUST PROOF	1	
43	VGQ1016	GUIDE RAIL	2	
44	VMP5285	BOTTOM FRAME ANGLE	3	
45	VMP7120	RAIN ANGLE	1	
46	VMP6248	RACK MOUNT	2	
47	VMP6249	MOTHER ANGLE	1	
48	VMT1097	CUSHION	1	
49	VMT1098	CUSHION	1	
50	VMT1104	CUSHION	1	
51	VMT1105	CUSHION	1	
52	VMT1106	CUSHION	1	
53	VRF0202	FAN MOTOR	1	L6FAHCBH0003
54	VMP6482	FILTER CASE	1	
55	VMP6483	FILTER CAP	1	
56	VGF0861	FILTER	1	
57	VEE0J62	MECHA CONNECTION CABLE	1	
58	VEE0J63	MECHA CONNECTION CABLE B	1	
59	VEE9643	MECHA CONNECTION 2 CABLE	1	K1PB80B00002
60	VEE0J64	MECHA CONNECTION CABLE C	1	
61	VEE9732	AC HEAD CONNECTION CABLE	1	
62	VXA7450	SDI HOLDER ANGLE	1	
63	VMP7144	AC HEAD I/F ANGLE	1	
64	VJF1413	CLAMPER	1	
65	VMT0771	GASKET (A)	2	
66	VMT0776	GASKET (F)	2	
67	VMZ3066	SOUND INSULATION SHEET	2	
68	VMZ3299	SOUND INSULATION SHEET	2	
69	VMZ3069	INSULATION SHEET	1	
⚠ 70	VEE0K24	POWER AC CABLE	1	
71	VHD5013	SCREW	2	
72	XTN3+6F	SCREW	2	
73	XTV3+6F	SCREW	70	
74	XTV3+6FFR	SCREW	3	
75	XYN3+C6	SCREW	6	
76	XYNV3+K12S	SCREW	4	
77	XYN3+F8FZS	SCREW	4	
78	XTV4+6F	SCREW	12	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
79	XSN3+16FZ	SCREW	2	
80	XYN3+K6	SCREW	1	
81	XYN26+K6	SCREW	3	
82	XYE3+EF6	SCREW	12	
83	XSB3+6FZ	SCREW	12	
84	XYN26+K5	SCREW	14	
E1	VEP84333A	F1 A ADDA P.C.BOARD	1	
E2	VEP84378A	A PROC P.C.BOARD	1	
E3	VEP83580A	REC PB P.C.BOARD	1	
E4	VEP83581A	ECC SUB P.C.BOARD	1	
E6	VEP83465C	V PROC P.C.BOARD	1	
E7	VEP83584A	SDI P.C.BOARD	1	
E8	VEP83459B	HD SDI RX P.C.BOARD	1	
E9	VEP83460B	HD SDI TX P.C.BOARD	2	
E10	VEP86318A	F6 SYSCON P.C.BOARD	1	
E11	VEP82242A	F7SERVO P.C.BOARD	1	
E12	VEP83467C	CMPST OUT P.C.BOARD	1	
E13	VEP84347C	CUE P.C.BOARD	1	
E14	VEP85204A	H4 RF EQ P.C.BOARD	1	
E15	VEP85204B	H5 RF EQ P.C.BOARD	1	
E16	VEP85205A	HEAD BUFF P.C.BOARD	1	
E17	VEP89139A	MOTHER P.C.BOARD	1	
E18	VEP80991A	AC HEAD I/F P.C.BOARD	1	

CASING PARTS ASSEMBLY

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CASING PARTS ASSEMBLY

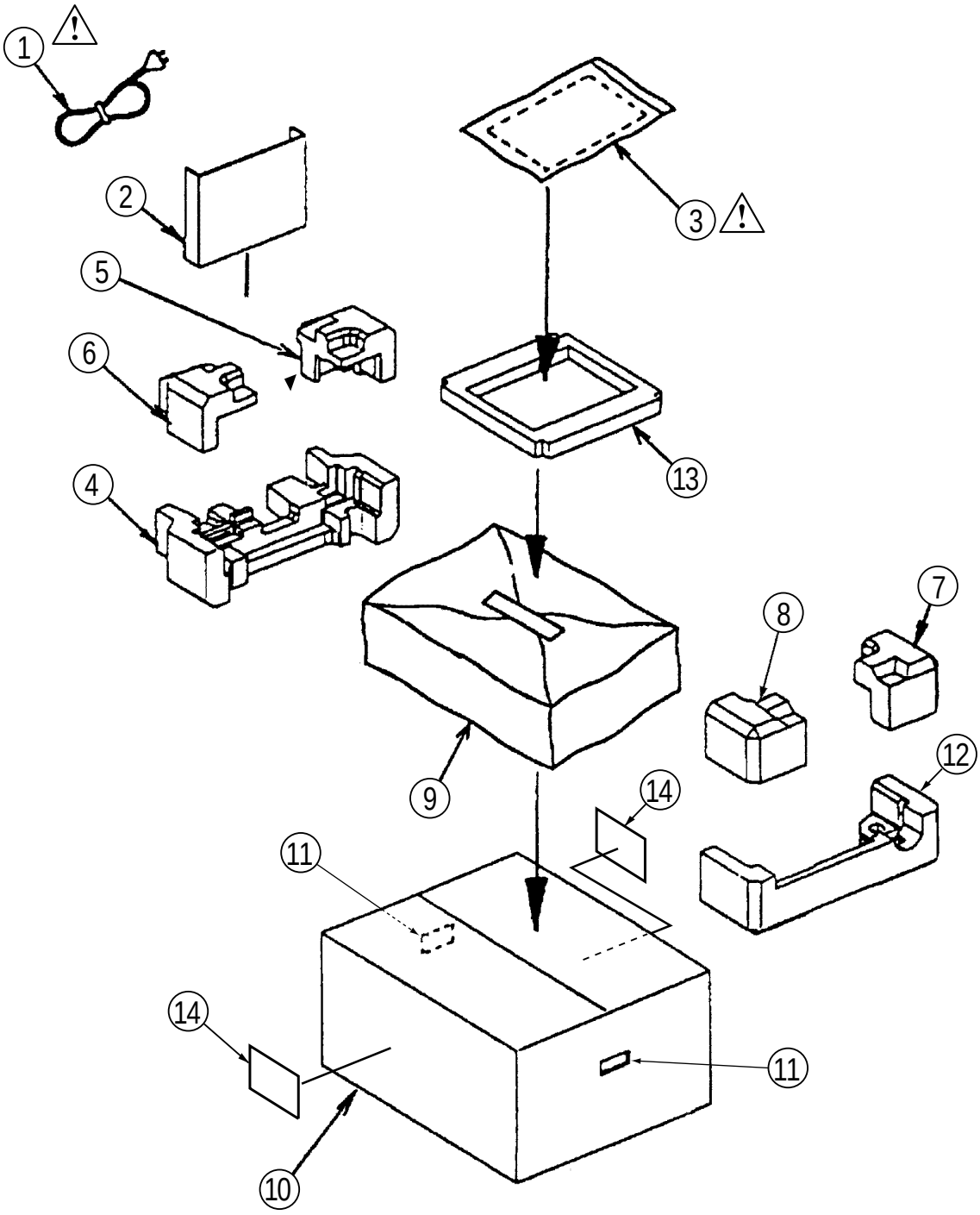
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
⚠ 1	VYP8322	TOP PANEL ASS' Y	1	
2	VMP6232	P.C.B. PLATE L	1	
3	VMT1095	P.C.B. RUBBER CUSHION B	1	
4	VMP6233	P.C.B. PLATE S	1	
5	VMT1096	P.C.B. RUBBER CUSHION S	1	
6	VMX2510	SPACER	2	
7	VMZ2325	TOP PANEL BARRIER	1	
8	VGM1681	SIDE PANEL	2	
9	VKU0562	BOTTOM PLATE	1	
10	VMX1558	NYLON WASHER	3	
11	VEE9971	FRONT PANEL	1	
12	VMX2582	WASHER	2	
⚠ 13	VMP6234	CARRIGE SUPPORT ANGLE	1	
23	VXA6708	DUST PROOF ASS' Y (F)	1	
24	VGF0816	INSULATION SHEET	1	
25	VMT0610	GASKET	1	
26	VMT0797	GASKET C	3	
27	VMT0884	GASKET	1	
28	VMT0800	GASKET	10	
29	VMT0802	GASKET	1	
30	VGF0858	BLIND SHEET (1)	2	
31	VGF0859	BLIND SHEET (2)	1	
32	VGF0799	DUST PROOF SHEET (C)	1	
71	VHD0274	SCREW	2	
72	XSB3+8FZ	SCREW	8	
73	XSB4+8FC	SCREW	8	
74	XTV3+6F	SCREW	9	
75	XYN3+K8	SCREW	3	
76	XYE3+EF6	SCREW	6	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

PACKING PARTS ASSEMBLY

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PACKING PARTS ASSEMBLY

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
⚠ 1	VJA0488	POWER CODE	1	K2CG3CH00001
2	VPN5411	ACCESSORY PAD	1	
⚠ 3	VQT9920	OPERATION INSTRUCTIONS	1	
4	VPN5409	CUSHION BUL	1	
5	VPN5331	CUSHION BUR	1	
6	VPN5332	CUSHION BL	1	
7	VPN5333	CUSHION FUR	1	
8	VPN5334	CUSHION FUL	1	
9	VPF0277	POLYETHYLENE BAG	1	
10	VPG0G30	PACKING CASE	1	
11	VPF0149	HANDLE COVER	2	
12	VPN5410	CUSHION FL	1	
13	VPN5394	O/I CUSHION	1	
14	VQL9821	PACKING LABEL	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

ELECTRICAL REPLACEMENT PARTS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP84333A	F1 A ADDA P.C.BOARD	1	(RTL)
■ E2	VEP84378A	F2 A PROC P.C.BOARD	1	(RTL)
■ E3	VEP83580A	F3 REC PB P.C.BOARD	1	(RTL)
■ E4	VEP83581A	ECC SUB P.C.BOARD	1	(RTL)
■ E5	VEP83573A	I/P CONV P.C.BOARD	1	(RTL)
■ E6	VEP83465C	F4 V PROC P.C.BOARD	1	(RTL)
■ E7	VEP83584A	F5 SDI P.C.BOARD	1	(RTL)
■ E8	VEP83459B	HD SDI RX P.C.BOARD	1	(RTL)
■ E9	VEP83460B	HD SDI TX P.C.BOARD	1	(RTL)
■ E10	VEP86318A	F6 SYSCON P.C.BOARD	1	(RTL)
■ E11	VEP82242A	F7 SERVO P.C.BOARD	1	(RTL)
■ E12	VEP83467C	H1 CMPST OUT P.C.BOARD	1	(RTL)
■ E13	VEP84347C	H3 CUE P.C.BOARD	1	(RTL)
■ E14	VEP85204A	H4 RF EQ P.C.BOARD	1	(RTL)
■ E15	VEP85204B	H5 RF EQ P.C.BOARD	1	(RTL)
■ E16	VEP85205A	HEAD BUFF P.C.BOARD	1	(RTL)
■	VEP85209A	HEAD BUFF SUB P.C.BOARD	1	(RTL)FOR VEP85205A
■ E17	VEP89139A	MOTHER P.C.BOARD	1	(RTL)
■ E18	VEP80991A	AC HEAD IF P.C.BOARD	1	(RTL)
■ E19	VEP83478A	REAR JACK P.C.BOARD	1	(RTL)
■ E20	VEP81200C	POWER 1 P.C.BOARD	1	(RTL)
■ E21	VEP81201B	POWER 2 P.C.BOARD	1	(RTL)
■	VEP81202B	POWER PACK P.C.BOARD	1	(RTL)FOR VEP81201B
■ E22	VEP80A58A	POWER CONNECTION P.C.B.	1	(RTL)
■ E23	VEP80856A	CARRIGE P.C.BOARD	1	(RTL)
■ E24	VEP82231A	MECH I/F P.C.BOARD	1	(RTL)
■ E25	VEP84303B	AUDIO JACK P.C.BOARD	1	(RTL)
■ E26	VEP84332A	AES/EBU P.C.BOARD	1	(RTL)
■ E27	VEP80B43B	UP FRONT 1 P.C.BOARD	1	(RTL)
■ E28	VEP80B56A	UP FRONT 2 P.C.BOARD	1	(RTL)
■ E29	VEP86328A	BUZZER P.C.BOARD	1	(RTL)
■ E30	VEP86297C	FRONT CPU P.C.BOARD	1	(RTL)
■ E31	VEP86298A	FRONT CPU SUB P.C.BOARD	1	(RTL)
■ E32	VEP80B44C	FRONT SW P.C.BOARD	1	(RTL)
■ E33	VEP80963F	FRONT VR1 P.C.BOARD	1	(RTL)
■ E34	VEP80964E	FRONT VR2 P.C.BOARD	1	(RTL)
■ E35	VEP86307A	MEM CARD CNCT P.C.BOARD	1	(RTL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP84333A	F1 A ADDA P.C.BOARD	1	(RTL)
C4001,02	ECA1HHG330	E.CAPACITOR 50V 33U	2	
C4003,04	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	2	
C4005	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C4006	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4008	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4011,12	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4013	F1J1H330A025	C.CAPACITOR CH 50V 33P	1	
C4014	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	F1J1H561A025
C4015	ECUM1H122JN	C.CAPACITOR CH 50V 1200P	1	
C4016	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4017	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4018	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4019	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4020	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4021	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4022	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4024	ECUM1H222JN	C.CAPACITOR CH 50V 2200P	1	
C4026,27	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C4028,29	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4030	ECUX1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C4031	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4032	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4033-35	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C4036	ECUX1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C4037	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4038	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4039-44	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	6	F1J1E104A082
C4045,46	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4047,48	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4049,50	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4051-55	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	5	
C4056	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4057-68	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	12	
C4070	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4071,72	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4073	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4076,77	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C4091-94	EEVHB1C470P	E.CAPACITOR 16V 47U	4	
C4095,96	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C4097,98	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4101,02	ECA1HHG330	E.CAPACITOR 50V 33U	2	
C4103,04	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	2	
C4105	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C4106	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4108	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4111,12	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4113	F1J1H330A025	C.CAPACITOR CH 50V 33P	1	
C4114	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	F1J1H561A025
C4115	ECUM1H122JN	C.CAPACITOR CH 50V 1200P	1	
C4116	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4117	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4118	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4119	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4120	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4121	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4122	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4124	ECUM1H222JN	C.CAPACITOR CH 50V 2200P	1	
C4141,42	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4147,48	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4149,50	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4171,72	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4201,02	ECA1HHG330	E.CAPACITOR 50V 33U	2	
C4203,04	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	2	
C4205	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C4206	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4208	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4211,12	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4213	F1J1H330A025	C.CAPACITOR CH 50V 33P	1	
C4214	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	F1J1H561A025
C4215	ECUM1H122JN	C.CAPACITOR CH 50V 1200P	1	
C4216	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4217	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4218	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4219	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4220	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4221	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4222	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4224	ECUM1H222JN	C.CAPACITOR CH 50V 2200P	1	
C4226,27	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C4228,29	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4230	ECUX1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C4231	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4232	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4233-36	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	4	F1J1E104A082
C4237	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4238	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4239-42	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	4	F1J1E104A082
C4243,44	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4271,72	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4281	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4301,02	ECA1HHG330	E.CAPACITOR 50V 33U	2	
C4303,04	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	2	
C4305	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C4306	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4308	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4311,12	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4313	F1J1H330A025	C.CAPACITOR CH 50V 33P	1	
C4314	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	F1J1H561A025
C4315	ECUM1H122JN	C.CAPACITOR CH 50V 1200P	1	
C4316	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4317	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4318	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4319	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4320	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4321	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4322	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4324	ECUM1H222JN	C.CAPACITOR CH 50V 2200P	1	
C4339-42	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	4	F1J1E104A082
C4343,44	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4371,72	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4381	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4401	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4402	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4403	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4404-06	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C4407	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4408,09	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4410	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4411	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4412-14	EEVHB1C100	E.CAPACITOR 16V 10U	3	
C4415,16	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C4417,18	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	2	
C4419,20	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	2	
C4421,22	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4424	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	F1J1H101A025
C4425	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C4426	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4427-29	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	F1J1H103A010
C4430	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C4431	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4432	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4433-36	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4437,38	ECA1CHG471	C.CAPACITOR 16V 470U	2	
C4439,40	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4441,42	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4443,44	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4445,46	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4447,48	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4449-54	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	6	F1J1E104A082
C4455,56	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4457,58	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4459,60	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4461,62	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4476	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4515,16	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C4517,18	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4519,20	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	2	
C4521,22	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4524	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	F1J1H101A025
C4525	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C4526	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4527-29	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	F1J1H103A010
C4530	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C4531	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4532	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4533-36	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4537,38	ECA1CHG471	C.CAPACITOR 16V 470U	2	
C4539,40	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4541,42	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4543,44	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4545,46	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4561,62	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4576	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4601	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4602	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4603	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4604-06	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C4607	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4608,09	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4610	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4611	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4612-14	EEVHB1C100	E.CAPACITOR 16V 10U	3	
C4615,16	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C4617,18	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	2	
C4619,20	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	2	
C4621,22	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4624	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	F1J1H101A025
C4625	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C4626	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4627-29	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	F1J1H103A010
C4630	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C4631	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4632	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4633-36	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4637,38	ECA1CHG471	C.CAPACITOR 16V 470U	2	
C4639,40	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4641,42	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4643,44	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4645,46	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4647,48	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4649-52	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	4	F1J1E104A082
C4653,54	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4661,62	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4676	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4715,16	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C4717,18	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	2	
C4719,20	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	2	
C4721,22	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4724	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	F1J1H101A025
C4725	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C4726	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4727-29	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	F1J1H103A010
C4730	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C4731	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4732	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4733-36	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4737,38	ECA1CHG471	C.CAPACITOR 16V 470U	2	
C4739,40	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4741,42	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4743,44	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4745,46	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4761,62	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4776	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4801	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	F1J1H101A025
C4802	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4803	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4804	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4805,06	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4807	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4808	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4809	EEVHB1C100	E.CAPACITOR 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4810,11	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4812-14	EEVHB1C100	E.CAPACITOR 16V 10U	3	
C4815,16	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C4817,18	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	2	
C4819,20	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	2	
C4821,22	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4824	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	F1J1H101A025
C4825	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C4826	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C4829	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4830	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4831	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4832	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4834,35	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4836	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C4837	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4838,39	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4840-43	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4844	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4845	ECA1CHG471	C.CAPACITOR 16V 470U	1	
C4846	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4847,48	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4849	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4850	ECA1CHG471	C.CAPACITOR 16V 470U	1	
C4851	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4852,53	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4854	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4855	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4857,58	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4859-66	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	8	F1J1E104A082
C4867-70	EEVHB1C470P	E.CAPACITOR 16V 47U	4	
C4871	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4872	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4873	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4874	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4875	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4881,82	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4891,92	EEVHP1C100	E.CAPACITOR 16V 10U	2	
C4915,16	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C4917,18	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	2	
C4919,20	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	2	
C4921,22	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
C4924	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	F1J1H101A025
C4925	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C4926	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C4929	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4930	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4931	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4932	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4934,35	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4936	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C4937	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4938,39	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4940-43	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4944	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4945	ECA1CHG471	C.CAPACITOR 16V 470U	1	
C4946	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4947,48	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C4949	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4950	ECA1CHG471	C.CAPACITOR 16V 470U	1	
C4951	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4952,53	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4972	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4974	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4975	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4981,82	ECUX1H102JCN	C.CAPACITOR CH 50V 1000P	2	
D4001-03	MA3X15700L	DIODE	3	
D4011-20	MA3X71600L	DIODE	10	
D4101,02	MA3X15700L	DIODE	2	
D4201,02	MA3X15700L	DIODE	2	
D4301,02	MA3X15700L	DIODE	2	
D4401,02	MA3X15700L	DIODE	2	
D4501,02	MA3X15700L	DIODE	2	
D4601,02	MA3X15700L	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D4701,02	MA3X15700L	DIODE	2	
D4801-03	MA3X15700L	DIODE	3	
D4804,05	MA152WK	DIODE	2	
D4901,02	MA3X15700L	DIODE	2	
IC4001	NJM2043MD	IC	1	C0ABBB000029
IC4002	MC74HC4052F	IC	1	C0JBAR000051
IC4003	C0ABBB000124	IC	1	
IC4004	AD7945BR	IC	1	
IC4005	C0ABBB000124	IC	1	
IC4006	MC74HC4052F	IC	1	C0JBAR000051
IC4007,08	C0ABBB000124	IC	2	
IC4009	NJM2043MD	IC	1	C0ABBB000029
IC4010	C0DBZGH00001	IC	1	
IC4011	AK5393VS	IC	1	C0FBAK000001
IC4015	TLCX245FT	IC	1	
IC4016	SN74S1053NS	IC	1	
IC4017-19	TVHC244FT	IC	3	
IC4020,21	TLCX245FT	IC	2	
IC4024-29	TVHT244FT	IC	6	
IC4030	C3ZBB0000007	IC	1	
IC4031	TVHC244FT	IC	1	
IC4033	S80726ANDP	IC	1	
IC4101	NJM2043MD	IC	1	C0ABBB000029
IC4102	MC74HC4052F	IC	1	C0JBAR000051
IC4103	C0ABBB000124	IC	1	
IC4104	AD7945BR	IC	1	
IC4105	C0ABBB000124	IC	1	
IC4106	MC74HC4052F	IC	1	C0JBAR000051
IC4107,08	C0ABBB000124	IC	2	
IC4109	NJM2043MD	IC	1	C0ABBB000029
IC4111	NJM78L09UA	IC	1	C0CBAHC00002
IC4112	NJM79L09UA	IC	1	C0CABBF00001
IC4113	C0DBZGH00001	IC	1	
IC4114	NJM79L05UA	IC	1	C0CBBDC00001
IC4115	NJM78L09UA	IC	1	C0CBAHC00002
IC4116	NJM79L09UA	IC	1	C0CABBF00001
IC4201	NJM2043MD	IC	1	C0ABBB000029
IC4202	MC74HC4052F	IC	1	C0JBAR000051
IC4203	C0ABBB000124	IC	1	
IC4204	AD7945BR	IC	1	
IC4205	C0ABBB000124	IC	1	
IC4206	MC74HC4052F	IC	1	C0JBAR000051
IC4207,08	C0ABBB000124	IC	2	
IC4209	NJM2043MD	IC	1	C0ABBB000029
IC4210	C0DBZGH00001	IC	1	
IC4211	AK5393VS	IC	1	C0FBAK000001
IC4301	NJM2043MD	IC	1	C0ABBB000029
IC4302	MC74HC4052F	IC	1	C0JBAR000051
IC4303	C0ABBB000124	IC	1	
IC4304	AD7945BR	IC	1	
IC4305	C0ABBB000124	IC	1	
IC4306	MC74HC4052F	IC	1	C0JBAR000051
IC4307,08	C0ABBB000124	IC	2	
IC4309	NJM2043MD	IC	1	C0ABBB000029
IC4311	NJM78L09UA	IC	1	C0CBAHC00002
IC4312	NJM79L09UA	IC	1	C0CABBF00001
IC4313	NJM78L09UA	IC	1	C0CBAHC00002
IC4314	NJM79L09UA	IC	1	C0CABBF00001
IC4401	C0DBZGH00001	IC	1	
IC4402	TVHC157FT	IC	1	
IC4403	AK4393VF	IC	1	C0FBBK000013
IC4404	NJM2043MD	IC	1	C0ABBB000029
IC4405	C0ABBB000124	IC	1	
IC4406	MC74HC4052F	IC	1	C0JBAR000051
IC4407	C0ABBB000124	IC	1	
IC4408	MC74HC4052F	IC	1	C0JBAR000051
IC4409	C0ABBB000124	IC	1	
IC4410	NJM2043MD	IC	1	C0ABBB000029
IC4411,12	AQV212SX	IC	2	K6G1AKB00012
IC4413	NJM78L09UA	IC	1	C0CBAHC00002
IC4414	NJM79L09UA	IC	1	C0CABBF00001
IC4415	C0DBZGH00001	IC	1	
IC4416	NJM79L05UA	IC	1	C0CBBDC00001
IC4504	NJM2043MD	IC	1	C0ABBB000029

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4505	C0ABBB000124	IC	1	
IC4506	MC74HC4052F	IC	1	C0JBAR000051
IC4507	C0ABBB000124	IC	1	
IC4508	MC74HC4052F	IC	1	C0JBAR000051
IC4509	C0ABBB000124	IC	1	
IC4510	NJM2043MD	IC	1	C0ABBB000029
IC4511,12	AQV212SX	IC	2	K6G1AKB00012
IC4601	C0DBZGH00001	IC	1	
IC4602	TVHC157FT	IC	1	
IC4603	AK4393VF	IC	1	C0FBBK000013
IC4604	NJM2043MD	IC	1	C0ABBB000029
IC4605	C0ABBB000124	IC	1	
IC4606	MC74HC4052F	IC	1	C0JBAR000051
IC4607	C0ABBB000124	IC	1	
IC4608	MC74HC4052F	IC	1	C0JBAR000051
IC4609	C0ABBB000124	IC	1	
IC4610	NJM2043MD	IC	1	C0ABBB000029
IC4611,12	AQV212SX	IC	2	K6G1AKB00012
IC4613	NJM78L09UA	IC	1	C0CBAHC00002
IC4614	NJM79L09UA	IC	1	C0CABBF00001
IC4704	NJM2043MD	IC	1	C0ABBB000029
IC4705	C0ABBB000124	IC	1	
IC4706	MC74HC4052F	IC	1	C0JBAR000051
IC4707	C0ABBB000124	IC	1	
IC4708	MC74HC4052F	IC	1	C0JBAR000051
IC4709	C0ABBB000124	IC	1	
IC4710	NJM2043MD	IC	1	C0ABBB000029
IC4711,12	AQV212SX	IC	2	K6G1AKB00012
IC4801	C0DBZGH00001	IC	1	
IC4802	AK4393VF	IC	1	C0FBBK000013
IC4803	NJM2043MD	IC	1	C0ABBB000029
IC4804	C0ABBB000124	IC	1	
IC4805	MC74HC4052F	IC	1	C0JBAR000051
IC4806	AD7945BR	IC	1	
IC4807,08	C0ABBB000124	IC	2	
IC4809	M5203FP	IC	1	C0ABBB000166
IC4810	MC74HC4052F	IC	1	C0JBAR000051
IC4811	C0ABBB000124	IC	1	
IC4812	NJM2043MD	IC	1	C0ABBB000029
IC4813,14	AQV212SX	IC	2	K6G1AKB00012
IC4815,16	NJM78L09UA	IC	2	C0CBAHC00002
IC4817,18	NJM79L09UA	IC	2	C0CABBF00001
IC4819	NJM4556AM	IC	1	C0ABBB000042
IC4903	NJM2043MD	IC	1	C0ABBB000029
IC4904	C0ABBB000124	IC	1	
IC4905	MC74HC4052F	IC	1	C0JBAR000051
IC4906	AD7945BR	IC	1	
IC4907,08	C0ABBB000124	IC	2	
IC4909	M5203FP	IC	1	C0ABBB000166
IC4910	MC74HC4052F	IC	1	C0JBAR000051
IC4911	C0ABBB000124	IC	1	
IC4912	NJM2043MD	IC	1	C0ABBB000029
IC4913,14	AQV212SX	IC	2	K6G1AKB00012
ID4001	VVVSI3343A	SOFTWARE	1	
IP4032	C1ZBZ0001555	IC	1	
L4001	VLQ0576	COIL	1	
L4095,96	VLF1151A132	COIL	2	
L4201	VLQ0576	COIL	1	
P1,P2	K1KAE8B00001	CONNECTOR (MALE)	2	
P4001	K1KA08B00147	CONNECTOR (FEMALE)	1	
Q4401	2SD1328	TRANSISTOR	1	
Q4402	2SD1994A-R	TRANSISTOR	1	
Q4403	2SB1322A-R	TRANSISTOR	1	
Q4404	2SD1994A-R	TRANSISTOR	1	
Q4405	2SB1322A-R	TRANSISTOR	1	
Q4406	2SB710A-R	TRANSISTOR	1	
Q4407	2SD602A-R	TRANSISTOR	1	
Q4501	2SD1328	TRANSISTOR	1	
Q4502	2SD1994A-R	TRANSISTOR	1	
Q4503	2SB1322A-R	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q4504	2SD1994A-R	TRANSISTOR	1	
Q4505	2SB1322A-R	TRANSISTOR	1	
Q4506	2SB710A-R	TRANSISTOR	1	
Q4507	2SD602A-R	TRANSISTOR	1	
Q4601	2SD1328	TRANSISTOR	1	
Q4602	2SD1994A-R	TRANSISTOR	1	
Q4603	2SB1322A-R	TRANSISTOR	1	
Q4604	2SD1994A-R	TRANSISTOR	1	
Q4605	2SB1322A-R	TRANSISTOR	1	
Q4606	2SB710A-R	TRANSISTOR	1	
Q4607	2SD602A-R	TRANSISTOR	1	
Q4701	2SD1328	TRANSISTOR	1	
Q4702	2SD1994A-R	TRANSISTOR	1	
Q4703	2SB1322A-R	TRANSISTOR	1	
Q4704	2SD1994A-R	TRANSISTOR	1	
Q4705	2SB1322A-R	TRANSISTOR	1	
Q4706	2SB710A-R	TRANSISTOR	1	
Q4707	2SD602A-R	TRANSISTOR	1	
Q4801	2SD1328	TRANSISTOR	1	
Q4802	2SD1994A-R	TRANSISTOR	1	
Q4803	2SB1322A-R	TRANSISTOR	1	
Q4804	2SD1994A-R	TRANSISTOR	1	
Q4805	2SB1322A-R	TRANSISTOR	1	
Q4806	2SB710A-R	TRANSISTOR	1	
Q4807	2SD602A-R	TRANSISTOR	1	
Q4808-11	2SB710A-R	TRANSISTOR	4	
Q4812,13	2SD1328	TRANSISTOR	2	
Q4901	2SD1328	TRANSISTOR	1	
Q4902	2SD1994A-R	TRANSISTOR	1	
Q4903	2SB1322A-R	TRANSISTOR	1	
Q4904	2SD1994A-R	TRANSISTOR	1	
Q4905	2SB1322A-R	TRANSISTOR	1	
Q4906	2SB710A-R	TRANSISTOR	1	
Q4907	2SD602A-R	TRANSISTOR	1	
Q4912,13	2SD1328	TRANSISTOR	2	
QR4281,82	UNR221300L	TRANSISTOR	2	
QR4381,82	UNR221300L	TRANSISTOR	2	
QR4401	UNR221300L	TRANSISTOR	1	
QR4402	UN2113	TRANSISTOR-RESISTOR	1	
QR4501	UNR221300L	TRANSISTOR	1	
QR4502	UN2113	TRANSISTOR-RESISTOR	1	
QR4601	UNR221300L	TRANSISTOR	1	
QR4602	UN2113	TRANSISTOR-RESISTOR	1	
QR4701	UNR221300L	TRANSISTOR	1	
QR4702	UN2113	TRANSISTOR-RESISTOR	1	
QR4801	UNR221300L	TRANSISTOR	1	
QR4802	UN2113	TRANSISTOR-RESISTOR	1	
QR4803,04	UNR221300L	TRANSISTOR	2	
QR4901	UNR221300L	TRANSISTOR	1	
QR4902	UN2113	TRANSISTOR-RESISTOR	1	
R4001	ERJ12YJ621	M.RESISTOR CH 1/2W 620	1	
R4002	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R4003,04	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R4005,06	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	2	
R4007	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4008	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4009	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4010	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4011	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4012	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4014	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4015	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4017	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4018	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4019-22	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4023	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4024	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4025	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R4026	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4027	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4028	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4029	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4030	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4031	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4032	ERJ6RBD271	M.RESISTOR CH 1/10W 270	1	
R4033	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R4034	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4040,41	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4042-46	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	5	
R4047	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4048-50	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	3	
R4051	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4052	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4053	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4054,55	ERJ6RED510	M.RESISTOR CH 1/10W 51	2	
R4057,58	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4060,61	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4081,82	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4083-90	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	8	
R4091-93	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	D0YDR0000005
R4095-97	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	3	D0GD472JA003
R4098	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4099	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4100	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4101	ERJ12YJ621	M.RESISTOR CH 1/2W 620	1	
R4102	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R4103,04	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R4105,06	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	2	
R4107	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4108	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4109	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4110	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4111	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4112	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4114	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4115	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4117	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4118	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4119-22	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4123	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4124	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4125	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R4126	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4127	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4128	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4129	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4130	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4131	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4132	ERJ6RBD271	M.RESISTOR CH 1/10W 270	1	
R4133	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R4134	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4140,41	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4142-46	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	5	
R4147	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4148-50	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	3	
R4151	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4152	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4153	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4154,55	ERJ6RED510	M.RESISTOR CH 1/10W 51	2	
R4158	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4160,61	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4181,82	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4184	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4185	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R4187,88	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	D0GD472JA003
R4190-93	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	4	
R4194,95	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4200	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4201	ERJ12YJ621	M.RESISTOR CH 1/2W 620	1	
R4202	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R4203,04	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R4205,06	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	2	
R4207	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4208	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4209	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4210	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4211	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4212	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4214	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4215	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4217	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4218	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4219-22	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4223	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4224	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4225	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R4226	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4227	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4228	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4229	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4230	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4231	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4232	ERJ6RBD271	M.RESISTOR CH 1/10W 270	1	
R4233	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R4234	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4240,41	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4242-46	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	5	
R4247	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4248	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4249,50	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
R4251	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4252	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4253	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4254,55	ERJ6RED510	M.RESISTOR CH 1/10W 51	2	
R4257,58	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4260,61	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4273,74	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4281,82	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4283,84	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
R4285,86	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4287	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4288	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4300	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4301	ERJ12YJ621	M.RESISTOR CH 1/2W 620	1	
R4302	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R4303,04	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R4305,06	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	2	
R4307	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4308	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4309	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4310	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4311	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4312	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4314	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4315	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4317	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4318	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	
R4319-22	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4323	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4324	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4325	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R4326	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4327	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4328	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4329	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4330	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4331	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4332	ERJ6RBD271	M.RESISTOR CH 1/10W 270	1	
R4333	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R4334	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4340,41	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4342-46	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	5	
R4347	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4348-50	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	3	
R4351	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4352	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4353	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4354,55	ERJ6RED510	M.RESISTOR CH 1/10W 51	2	
R4358	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4360,61	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4373,74	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4381,82	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4383,84	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4385,86	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4387	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4388	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4400	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4401,02	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4403	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4404	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4405	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4406	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4407	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4408,09	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
R4410-17	ERJ6RBD471	M.RESISTOR CH 1/10W 470	8	
R4418	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4419	ERJ6RED680	M.RESISTOR CH 1/10W 68	1	
R4420	ERJ6RED390	M.RESISTOR CH 1/10W 39	1	
R4421	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R4422	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4423	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4424,25	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R4426	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4427	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R4428	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4429	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4430	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R4431	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4432	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4433	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	
R4434	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4435	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4436	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4437	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4438,39	ERJ6RBD221	M.RESISTOR CH 1/10W 220	2	
R4440	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R4441	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4442	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4443	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4444-47	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4448,49	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4450,51	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4452	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4453	ERJ6RED150	M.RESISTOR CH 1/10W 15	1	
R4454	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4455	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4456,57	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4458	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4459,60	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4461-64	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4465,66	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4467,68	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4469,70	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4471,72	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4473	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4483,84	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4500	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4504	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4505	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4506	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4507	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4508,09	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
R4510-17	ERJ6RBD471	M.RESISTOR CH 1/10W 470	8	
R4518	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4519	ERJ6RED680	M.RESISTOR CH 1/10W 68	1	
R4520	ERJ6RED390	M.RESISTOR CH 1/10W 39	1	
R4521	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R4522	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4523	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4524,25	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R4526	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4527	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R4528	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4529	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4530	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R4531	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4532	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4533	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4534	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4535	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4536	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4537	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4538,39	ERJ6RBD221	M.RESISTOR CH 1/10W 220	2	
R4540	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R4541	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4542	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4543	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4544-47	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4548,49	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4550,51	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4552	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4553	ERJ6RED150	M.RESISTOR CH 1/10W 15	1	
R4554	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4555	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4556,57	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4558	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4559,60	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4561-64	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4565,66	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4567,68	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4569,70	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4571,72	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4573	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4583,84	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4600	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4601,02	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4603	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4604	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4605	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4606	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4607	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4608,09	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
R4610-17	ERJ6RBD471	M.RESISTOR CH 1/10W 470	8	
R4618	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4619	ERJ6RED680	M.RESISTOR CH 1/10W 68	1	
R4620	ERJ6RED390	M.RESISTOR CH 1/10W 39	1	
R4621	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R4622	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4623	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4624,25	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R4626	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4627	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R4628	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4629	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4630	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R4631	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4632	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4633	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	
R4634	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4635	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4636	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4637	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4638,39	ERJ6RBD221	M.RESISTOR CH 1/10W 220	2	
R4640	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R4641	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4642	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4643	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4644-47	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4648,49	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4650,51	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4652	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4653	ERJ6RED150	M.RESISTOR CH 1/10W 15	1	
R4654	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4655	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4656,57	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4658	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4659,60	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4661-64	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4665,66	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4667,68	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4669,70	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4671,72	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4673	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4683,84	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4700	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4704	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4705	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4706	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4707	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4708,09	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
R4710-17	ERJ6RBD471	M.RESISTOR CH 1/10W 470	8	
R4718	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4719	ERJ6RED680	M.RESISTOR CH 1/10W 68	1	
R4720	ERJ6RED390	M.RESISTOR CH 1/10W 39	1	
R4721	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R4722	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4723	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4724,25	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R4726	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4727	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R4728	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4729	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4730	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R4731	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4732	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4733	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	
R4734	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4735	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4736	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4737	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4738,39	ERJ6RBD221	M.RESISTOR CH 1/10W 220	2	
R4740	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R4741	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4742	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4743	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4744-47	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4748,49	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4750,51	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4752	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4753	ERJ6RED150	M.RESISTOR CH 1/10W 15	1	
R4754	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4755	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4756,57	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4758	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4759,60	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4761-64	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4765,66	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4767,68	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4769,70	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4771,72	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4773	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4775-80	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R4783,84	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4785-99	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	15	
R4800	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4801,02	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4803	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4804	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4805	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4806	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4807	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4808,09	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
R4810-17	ERJ6RBD471	M.RESISTOR CH 1/10W 470	8	
R4818	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4819	ERJ6RED680	M.RESISTOR CH 1/10W 68	1	
R4820	ERJ6RED390	M.RESISTOR CH 1/10W 39	1	
R4821	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R4822	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4823	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4824,25	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R4826	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4827	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R4828	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4829	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4830	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R4831	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4832	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4833	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4834	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4835	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4836	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4837	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4838	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
R4839	ERJ6RED220	M.RESISTOR CH 1/10W 22	1	
R4841	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4842	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4843,44	ERJ6RBD221	M.RESISTOR CH 1/10W 220	2	
R4845	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R4846	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4847	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4848	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4849-52	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4853	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4854,55	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4856	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4857	ERJ6RED150	M.RESISTOR CH 1/10W 15	1	
R4858	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4859,60	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	2	
R4861-64	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	4	
R4865	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4866-69	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4870,71	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4872,73	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4874,75	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4876,77	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4878	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4879	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4880	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1	D0GD333JA003
R4881	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4882	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4883	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4884	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4885	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4886	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4887	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R4888,89	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4890	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4891	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4892	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4893	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4894	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4895	ERJ14YJ151	M.RESISTOR CH 1/4W 150	1	
R4896	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4898	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4900	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4901	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4902	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R4904	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4905	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4906	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4907	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4908,09	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
R4910-17	ERJ6RBD471	M.RESISTOR CH 1/10W 470	8	
R4918	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4919	ERJ6RED680	M.RESISTOR CH 1/10W 68	1	
R4920	ERJ6RED390	M.RESISTOR CH 1/10W 39	1	
R4921	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R4922	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4923	ERJ6RBD331	M.RESISTOR CH 1/10W 330	1	
R4924,25	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R4926	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4927	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R4928	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4929	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4930	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R4931	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4932	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4933	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	
R4934	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4935	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4936	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4937	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4938	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4939	ERJ6RED220	M.RESISTOR CH 1/10W 22	1	
R4941	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4942	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4943,44	ERJ6RBD221	M.RESISTOR CH 1/10W 220	2	
R4945	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R4946	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4947	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4948	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4949-52	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	4	
R4953	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4954,55	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	D0GD105JA003
R4956	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4957	ERJ6RED150	M.RESISTOR CH 1/10W 15	1	
R4958	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4959,60	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	2	
R4961-64	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	4	
R4965	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4966-69	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4970,71	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4972,73	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4974,75	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R4976,77	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4978	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4980	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4981	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4982	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4983	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4984	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4985	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4986	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4987	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4988	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4989	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4990	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4991	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R4992	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4993	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4994	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4995	ERJ14YJ151	M.RESISTOR CH 1/4W 150	1	
R4996	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
SW4001	VSS0126	SWITCH	1	
SW4101	VSS0126	SWITCH	1	
SW4201	VSS0126	SWITCH	1	
SW4301	VSS0126	SWITCH	1	
TG4002	VJR0646	TEST POINT	1	D0X0R0000022
TG4202	VJR0646	TEST POINT	1	D0X0R0000022
TG4505	VJR0646	TEST POINT	1	D0X0R0000022
TG4705	VJR0646	TEST POINT	1	D0X0R0000022
TP4001-04	EYF6CU	TEST POINT	4	
TP4101,02	EYF6CU	TEST POINT	2	
TP4201-04	EYF6CU	TEST POINT	4	
TP4301,02	EYF6CU	TEST POINT	2	
TP4401,02	EYF6CU	TEST POINT	2	
TP4404	EYF6CU	TEST POINT	1	
TP4504	EYF6CU	TEST POINT	1	
TP4601-04	EYF6CU	TEST POINT	4	
TP4704	EYF6CU	TEST POINT	1	
TP4801-03	EYF6CU	TEST POINT	3	
TP4903	EYF6CU	TEST POINT	1	
VR4001	VRV0111B101	V.RESISTOR 100	1	
VR4002	VRV0112B103	V.RESISTOR 10K	1	
VR4101	VRV0111B101	V.RESISTOR 100	1	
VR4102	VRV0112B103	V.RESISTOR 10K	1	
VR4201	VRV0111B101	V.RESISTOR 100	1	
VR4202	VRV0112B103	V.RESISTOR 10K	1	
VR4301	VRV0111B101	V.RESISTOR 100	1	
VR4302	VRV0112B103	V.RESISTOR 10K	1	
VR4401	VRV0112B103	V.RESISTOR 10K	1	
VR4402	VRV0111B501	V.RESISTOR 500	1	D3CA55010008
VR4501	VRV0112B103	V.RESISTOR 10K	1	
VR4502	VRV0111B501	V.RESISTOR 500	1	D3CA55010008

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VR4601	VRV0112B103	V.RESISTOR 10K	1	
VR4602	VRV0111B501	V.RESISTOR 500	1	D3CA55010008
VR4701	VRV0112B103	V.RESISTOR 10K	1	
VR4702	VRV0111B501	V.RESISTOR 500	1	D3CA55010008
VR4801	VRV0112B103	V.RESISTOR 10K	1	
VR4802	VRV0111B501	V.RESISTOR 500	1	D3CA55010008
VR4901	VRV0112B103	V.RESISTOR 10K	1	
VR4902	VRV0111B501	V.RESISTOR 500	1	D3CA55010008
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E2	VEP84378A	F2 A PROC P.C.BOARD	1	(RTL)
C1,C2	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3,C4	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C5,C6	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7,C8	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C9	EEVHB1A101P	E.CAPACITOR 10V 100U	1	
C10,11	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C12-15	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	4	
C16,17	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C19-24	EEVHB1C470P	E.CAPACITOR 16V 47U	6	
C25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C26-29	EEVHB1C470P	E.CAPACITOR 16V 47U	4	
C30	EEVHB1A101P	E.CAPACITOR 10V 100U	1	
C31	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C33,34	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C35	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C36,37	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	2	
C38	EEVHB1A101P	E.CAPACITOR 10V 100U	1	
C39-43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C44,45	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C46,47	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C48-51	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C52,53	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C55	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C57	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C58,59	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C60	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C61,62	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	2	
C63	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	1	
C64	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C65	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C66	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C67-99	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	33	
C100-07	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	8	
C112,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C115-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C122,23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C126,27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C128,29	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C130	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C131-34	EEVHB0J330	E.CAPACITOR 6.3V 33U	4	
C135-43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C148,49	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C151-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C158-78	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	21	
C179	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C180	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C181	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C182	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C183-92	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C193,94	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C195	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C196	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C197	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C199-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	23	
C223	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C225	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C228	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C231,32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C233,34	EEVHB1A101P	E.CAPACITOR 10V 100U	2	
C235	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C236	EEVHB1A101P	E.CAPACITOR 10V 100U	1	
C237	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C500	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C603,04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C605	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C660	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C700-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C709,10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C711-13	EEVHB1A330	E.CAPACITOR 10V 33U	3	
C715,16	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C717-22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C723	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C724-35	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C738-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C742	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C770	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C771	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C772-83	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C784,85	EEFCD0K330R	E.CAPACITOR 8V 33U	2	
C786	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C787,88	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C789	EEVHP1H1R0	E.CAPACITOR 50V 1U	1	
C790	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C791	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C792-97	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C820	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	1	
C821-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C827	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C828	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C829	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C830	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C831	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C832	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C833	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C860-62	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C863,64	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	
C865	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C867-81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	15	
C882	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C930-33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C934	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C935	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C936-38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C939	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	1	
C940	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C941	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C942,43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C944	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C945-47	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	3	
D770,71	MA3J14300L	DIODE	2	
FL860-62	EZAST33AAAJ	FILTER	3	
FL930-32	VLF1462	FILTER	3	
IC1-C4	NJM360M	IC	4	C0BBZB000001
IC5	C0CBAAH00002	IC	1	
IC6	LT1129CS8	IC	1	
IC7,C8	C3BBFC000270	IC	2	
IC9	C0JBAB000350	IC	1	
IC10	UPD65949G076	IC	1	C1AB00000858
IC11,12	C3BBFC000270	IC	2	
IC13	C0JBAB000350	IC	1	
IC14	UPD65949G076	IC	1	C1AB00000858
IC15,16	C3BBFC000270	IC	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC17	C1AB00001135	IC	1	
IC18-21	C3BBFC000270	IC	4	
IC22	C1AB00001135	IC	1	
IC23,24	C3BBFC000270	IC	2	
IC25	B0KB00000017	IC	1	
IC26	SN74S1051NS	IC	1	
IC27-30	TLCX245FT	IC	4	
IC31	C0JBAZ000803	IC	1	
IC32-35	TLCX245FT	IC	4	
IC36	C1ZBZ0001836	IC	1	
IC38,39	C0JBAZ000803	IC	2	
IC43,44	C0ZBZ0000363	IC	2	
IC46-49	C1BB00000529	IC	4	
IC50	DS90LV048A	IC	1	C0ZBZ0000280
IC57,58	C1BB00000620	IC	2	
IC59,60	C0JBAZ000803	IC	2	
IC61	TLCX245FT	IC	1	
IC62	C0JBAZ000803	IC	1	
IC63	C0JBAB000422	IC	1	
IC64	C1ZBZ0001836	IC	1	
IC65	C0JBAB000422	IC	1	
IC67	TVHT244FT	IC	1	
IC68-70	C0JBAZ000803	IC	3	
IC71,72	C1ZBZ0001836	IC	2	
IC73	TVHC244FT	IC	1	
IC78	C0JBAA000146	VHC	1	
IC82	S80726ANDP	IC	1	
IC603	C0ZBZ0000363	IC	1	
IC702	IDTLVC16245F	IC	1	
IC703	C0JBAZ001825	IC	1	
IC708	DS90LV047A	IC	1	C0ZBZ0000279
IC709	C0JBAZ000851	IC	1	
IC715	TLCX245FT	IC	1	
IC716	DS90LV047A	IC	1	C0ZBZ0000279
IC717	C1AB00001648	IC	1	
IC718	IDTLVC16245F	IC	1	
IC719	C0CBABD00005	IC	1	
IC720	IDTLVC16245F	IC	1	
IC721	C0CBABD00005	IC	1	
IC770	DS90LV048A	IC	1	C0ZBZ0000280
IC771	C1ZBZ0001836	IC	1	
IC772	C0JBAA000014	IC	1	
IC773	C0JBAA000261	IC	1	
IC774	C0CBADD00003	IC	1	
IC775	C0CBBDB00004	IC	1	
IC776	C0JBAZ000279	IC	1	
IC777	C0ABEB000017	IC	1	
IC781	UPD65943G028	IC	1	
IC782	C0JBAZ000851	IC	1	
IC820	C0JBAZ000851	IC	1	
IC823	DS90CR217MTD	IC	1	C0ZBZ0000466
IC824	C0CBABD00005	IC	1	
IC860	DS90CR218MTD	IC	1	C0ZBZ0000468
IC861	C0JBAZ000851	IC	1	
IC863	DS90LV048A	IC	1	C0ZBZ0000280
IC864	C0JBAZ000851	IC	1	
IC868	MB90098A-107	IC	1	
IC869	C0JBAZ000851	IC	1	
IC871	C1ZBZ0001836	IC	1	
IC873	C0JBAA000261	IC	1	
IC874	C0JBAZ000851	IC	1	
IC875	C0CBABD00005	IC	1	
IC930	LT1129CS8	IC	1	
IC931	ADV7171KS	IC	1	C0ZBZ0000175
IC932	C0ZBZ0000569	IC	1	
ID10	VVVSI3734D	SOFTWARE	1	
IP74,75	C1ZBZ0001555	IC	2	
IP77	C1ZBZ0001555	IC	1	
J1-J3	VJR1095	LUG TERMINAL	3	
L1,L2	VLP0183	COIL	2	J0JKC0000007
L3-L6	VLQ0426J1R8	COIL 1.8UH	4	G1C1R8J00007

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L7-10	VLP0183	COIL	4	J0JKC0000007
L700-02	VLP0183	COIL	3	J0JKC0000007
L704,05	VLP0183	COIL	2	J0JKC0000007
L930,31	VLQ0319K100	COIL 10UH	2	G1C100K00023
P1,P2	K1KAE8B00001	CONNECTOR (MALE)	2	
P3	K1KAA0B00036	CONNECTOR (MALE)	1	
P4	K1KA08B00147	CONNECTOR (FEMALE)	1	
P700	VJP4064K060C	CONNECTOR (MALE)	1	
P820	VJS4064N160E	CONNECTOR (FEMALE)	1	K1KAG0A00006
P860	VJP4064K120C	CONNECTOR (MALE)	1	K1KBC0A00022
Q1,Q2	2SA153200L	TRANSISTOR	2	
Q3-Q5	2SC3930	TRANSISTOR	3	
Q6	2SA153200L	TRANSISTOR	1	
Q7	2SC3930	TRANSISTOR	1	
Q8	2SA153200L	TRANSISTOR	1	
Q9,10	2SC3930	TRANSISTOR	2	
Q11,12	2SA153200L	TRANSISTOR	2	
Q13-15	2SC3930	TRANSISTOR	3	
Q16	2SA153200L	TRANSISTOR	1	
Q17	2SC3930	TRANSISTOR	1	
Q18	2SA153200L	TRANSISTOR	1	
Q19,20	2SC3930	TRANSISTOR	2	
Q930-35	2SB709	TRANSISTOR	6	
R1-R4	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	4	
R5-R8	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	4	D0GD221JA003
R9,10	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R11-14	ERJ6GEYJ820	M.RESISTOR CH 1/10W 82	4	
R15,16	ERJ6GEYG750	M.RESISTOR CH 1/10W 75	2	
R17,18	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R19-22	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	4	
R23,24	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R25-32	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	8	
R33,34	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	2	
R35,36	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R37-40	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	4	
R41,42	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R43,44	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R45,46	ERJ6GEYG750	M.RESISTOR CH 1/10W 75	2	
R47-50	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	4	
R51,52	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R54,55	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R56,57	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	2	
R58	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R66,67	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R68	D1H810240001	COMBI.R-R	1	
R69,70	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R71	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R74	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R78,79	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R81	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R86-88	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R89,90	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R92,93	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R95	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R100-02	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R103,04	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R105-09	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R110-12	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R113-18	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R119	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R120	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R121-25	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	5	
R126-29	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R130-36	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	7	
R137	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R138-41	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	4	
R142	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R143	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R144-48	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R149	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R150-53	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R154-61	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	8	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R162-65	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R166	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R167-85	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	19	
R186-90	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	5	
R192	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R193	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R194-96	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R197	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R198	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R199	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R200-03	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R210-13	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	4	
R216	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R217	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R218-37	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	20	
R238,39	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R240	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R241-43	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R244-47	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R249	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R250	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R251	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R252	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R253	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R254	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R255	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R256	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R258	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R260	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R261,62	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R266-69	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R270	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R271-73	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	3	
R274-76	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R277	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R278	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R279	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R280,81	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R282	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R284	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R285	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R286	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R295	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R296,97	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R298,99	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R302	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R306	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R311,12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R314	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R315	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R316	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R317	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R318,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R320	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R321	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R323	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R324	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R325	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R326	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R331	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R332,33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R337	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R338	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R339-46	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R400	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R403,04	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R501-12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	12	
R550-65	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	16	
R571-77	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	7	
R581-87	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	7	
R590-92	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R600	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R603	D1H833040002	COMBI.R-R	1	
R607,08	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R609	D1H833040002	COMBI.R-R	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R613,14	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R615	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R641-49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
R650	D1H833040002	COMBI.R-R	1	
R660	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R676	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R677	D1H833040002	COMBI.R-R	1	
R679	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R680	D1H833040002	COMBI.R-R	1	
R688	D1H833040002	COMBI.R-R	1	
R689	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R690,91	D1H833040002	COMBI.R-R	2	
R692,93	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R694,95	D1H833040002	COMBI.R-R	2	
R696,97	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R698,99	D1H833040002	COMBI.R-R	2	
R700	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R701,02	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R703,04	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R705	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R706	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R707	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R708,09	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R710	D1H833040002	COMBI.R-R	1	
R711,12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R713	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R714	D1H810240001	COMBI.R-R	1	
R715	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R716	D1H810240001	COMBI.R-R	1	
R719	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R720	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R721,22	D1H810240001	COMBI.R-R	2	
R723,24	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R725	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R726	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R727	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R728-30	D1H833040002	COMBI.R-R	3	
R734,35	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R736	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R738,39	D1H810240001	COMBI.R-R	2	
R771	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R772	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R773	D1H833040002	COMBI.R-R	1	
R774	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R775	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R777	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R778	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R779	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R780	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R782	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R783-85	D1H833040002	COMBI.R-R	3	
R786	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R787	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R788	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R789	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R790	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R791	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R792	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R793-95	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R796,97	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R798	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R799	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R800	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R801	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R820	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R821	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R822,23	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R824,25	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R826-30	D1H810240001	COMBI.R-R	5	
R831	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R832	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R860-64	ERJ3RBD101	M.RESISTOR CH 1/16W 100	5	
R865	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R866	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R867,68	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R869	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R870,71	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R872,73	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R874	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R875,76	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R878	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R879	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R881,82	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R891	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R892-95	D1H810240001	COMBI.R-R	4	
R896,97	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R898	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R899-01	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R902	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R903	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R910-12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R930	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R931	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R932	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R934	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R935-40	ERJ3RED750	M.RESISTOR CH 1/16W 75	6	
R941-43	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R944-46	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	3	
R947-49	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R950	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R951	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R952	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R953	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R954	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R955	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R956-58	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R959-61	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	3	
R962-64	ERJ3RBD101	M.RESISTOR CH 1/16W 100	3	
R999	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
TG1-G3	EYF6CU	TEST POINT	3	
TG5	EYF6CU	TEST POINT	1	
TG723-26	EYF6CU	TEST POINT	4	
TP23-30	EYF6CU	TEST POINT	8	
TP45,46	EYF6CU	TEST POINT	2	
TP55-62	EYF6CU	TEST POINT	8	
TP71-78	EYF6CU	TEST POINT	8	
TP94,95	EYF6CU	TEST POINT	2	
TP300	EYF6CU	TEST POINT	1	
TP770,71	EYF6CU	TEST POINT	2	
TP776,77	EYF6CU	TEST POINT	2	
TP860-62	EYF6CU	TEST POINT	3	
TP867,68	EYF6CU	TEST POINT	2	
TP930-32	EYF6CU	TEST POINT	3	
VR930	VRV0161B101	V.RESISTOR 100	1	
X10	VSX0519	CRYSTAL OSCILLATOR	1	H0D160500011
X770	VSX0788	CRYSTAL OSCILLATOR	1	H1C2705B0006
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E3	VEP83580A	F3 REC PB P.C.BOARD	1	(RTL)
C1,C2	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C3,C4	EEVHB0J101	E.CAPACITOR 6.3V 100U	2	
C5,C6	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7,C8	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	2	
C9	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C10,11	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C12,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C14	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C16	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C19	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C20	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C21	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C51	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C53-55	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	3	
C56-88	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	33	
C100-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	18	
C150-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C162	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C163-70	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C171	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C172-80	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C200-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	18	
C250-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	27	
C278	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C279,80	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C281	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C300	ECUX1C184KBN	C.CAPACITOR CH 16V 0.18U	1	
C301	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C302,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C304	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C305-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C350-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C400-15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C450-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C458,59	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2	F1J1C105A083
C460-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	17	
C477	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C478	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C479	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C480,81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C482	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C483	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C484-86	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C487	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C488	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C500-15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C516,17	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2	F1J1C105A083
C518-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C550	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C551	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C552	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C553-68	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C600	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C601	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C602	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C603-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C650-65	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C666	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C667	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C668	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C669	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C670,71	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	2	
C672	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C673	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C674	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C675	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C676	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C677	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C678	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C679	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C680	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C681	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C682	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C683,84	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C685	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C686	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C687-89	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C690	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C691-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	14	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C750-67	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	18	
C770	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C771,72	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C800	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C801,02	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C803-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C806	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C807	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C808	EEVHP1E3R3	E.CAPACITOR 25V 3.3U	1	
C809	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C810-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	14	
D450	MA3X71600L	DIODE	1	
D451	MA3X15300L	DIODE	1	
D650	MA3X71600L	DIODE	1	
D651	MA3X15300L	DIODE	1	
D800	MA3X71600L	DIODE	1	
D801	MA3X15300L	DIODE	1	
FL50,51	EZAST33AAAJ	FILTER	2	
FL150-57	EZAST33AAAJ	FILTER	8	
FL200,01	EZAST33AAAJ	FILTER	2	
FL650	VLF1462	FILTER	1	
IC1	LT1573CS8	IC	1	
IC2	C0CBAAH00002	IC	1	
IC50-52	B0KB00000017	IC	3	
IC54-59	IDTLVC16245F	IC	6	
IC60	C1ZBZ0001710	IC	1	
IC61	C1ZBZ0001555	IC	1	
IC62	TC7W241FU	IC	1	
IC63	TLCX245FT	IC	1	
IC65	C1ZBZ0001555	IC	1	
IC67	S80726ANDP	IC	1	
IC68	TLCX04F	IC	1	
IC69	C0JBAA000261	IC	1	
IC108,09	DS90LV048A	IC	2	C0ZBZ0000280
IC110,11	C0JBAZ000851	IC	2	
IC112	TLCX04F	IC	1	
IC122,23	IDTLVC16245F	IC	2	
IC126,27	TLCX04F	IC	2	
IC138	C1ZBZ0001970	IC	1	
IC139	DS90LV047A	IC	1	C0ZBZ0000279
IC140,41	TLCX257FT	IC	2	
IC150	C3ABQG000041	IC	1	
IC151,52	IDTLVC16374F	IC	2	
IC153	C3ABQG000041	IC	1	
IC154	MB87J1460	IC	1	C1AB00001232
IC155	TLCX04F	IC	1	
IC200	IDTLVC16245F	IC	1	
IC201,02	MN673797A	IC	2	
IC250	C1ZBZ0002080	IC	1	
IC251	MS51V8221-3G	IC	1	
IC252-55	IDTLVC16245F	IC	4	
IC256	B0KB00000017	IC	1	
IC257	DS90LV047A	IC	1	C0ZBZ0000279
IC258	C0CBABD00005	IC	1	
IC260	TLCX245FT	IC	1	
IC300	BH7086KV	IC	1	C1ZBZ0001649
IC301	C0JBAB000422	IC	1	
IC302	C0JBAB000350	IC	1	
IC303	IDTLVC16245F	IC	1	
IC304	TLCX257FT	IC	1	
IC305	MN673797A	IC	1	
IC306	C0JBAA000261	IC	1	
IC350	MN673797A	IC	1	
IC400,01	MN673797A	IC	2	
IC450,51	C3ABQG000041	IC	2	
IC452	MB87J1460	IC	1	C1AB00001232
IC453	C0JBAA000014	IC	1	
IC456	C0JBAZ000279	IC	1	
IC457	NJM78L09UA	IC	1	C0CBAHC00002
IC458	NJM79L09UA	IC	1	C0CABBF00001
IC462	C0DBZGH00001	IC	1	
IC464	DS90LV048A	IC	1	C0ZBZ0000280

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC466	C0ABEB000017	IC	1	
IC500,01	C3ABQG000041	IC	2	
IC502	MB87J1460	IC	1	C1AB00001232
IC551	L7A1644	IC	1	C1AA00000231
IC552,53	MN47V07AF	IC	2	
IC601	L7A1644	IC	1	C1AA00000231
IC602,03	MN47V07AF	IC	2	
IC650	C1ZBZ0002080	IC	1	
IC651,52	IDTLVC16245F	IC	2	
IC653	TVHT00F	IC	1	
IC655	C0DBZGH00001	IC	1	
IC656	NJM79L05UA	IC	1	C0CBBDC00001
IC657,58	IDTLVC16245F	IC	2	
IC659	TC7W53F	IC	1	
IC660,61	IDTLVC16245F	IC	2	
IC662	TLCX257FT	IC	1	
IC664	LT1228CS8	IC	1	
IC666	C0DBZGH00001	IC	1	
IC669	C0FBAD000002	IC	1	
IC750	C1ZBZ0002080	IC	1	
IC755	C3ABRG000002	IC	1	
IC757	C3ABRG000002	IC	1	
IC800	C0JBAA000014	IC	1	
IC801	C0DBZGH00001	IC	1	
IC802	NJM78L09UA	IC	1	C0CBAHC00002
IC803	NJM79L09UA	IC	1	C0CABBF00001
IC804	T203E3801AF1	IC	1	
IC805	C0JBAZ000606	IC	1	
IC806	C0ABEB000017	IC	1	
IC815	C0JBAA000014	IC	1	
ID10	VVVSI3731E	SOFTWARE	1	
J850-52	VJR1095	LUG TERMINAL	3	
L1-L6	VLP0183	COIL	6	J0JKC0000007
L300	VLQ0319K150	COIL 15UH	1	G1C150KA0002
L650,51	VLQ0319K390	COIL 39UH	2	G1C390KA0002
L652-55	VLQ0319K150	COIL 15UH	4	G1C150KA0002
P1,P2	K1KAE8B00001	CONNECTOR (MALE)	2	
P3	K1KAA0B00036	CONNECTOR (MALE)	1	
P50	K1KA08B00147	CONNECTOR (FEMALE)	1	
P850	K1KBZZA00026	CONNECTOR (FEMALE)	1	
Q1	2SB1202-S	TRANSISTOR	1	
Q650	2SB709	TRANSISTOR	1	
Q651	2SA153200L	TRANSISTOR	1	
Q652	2SB709	TRANSISTOR	1	
R1	ERJ14YJ470	M.RESISTOR CH 1/4W 47	1	
R2	ERJ8GEYJ221	M.RESISTOR CH 1/8W 220	1	
R3	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R4	ERJ6RBD151	M.RESISTOR CH 1/10W 150	1	
R5	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R6	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7	D1H810140001	COMBI.R-R	1	
R50-52	D1H833040002	COMBI.R-R	3	
R53,54	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R55	D1H810240001	COMBI.R-R	1	
R56,57	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R58	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R59	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R60	D1H810240001	COMBI.R-R	1	
R61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R62	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R63	D1H810240001	COMBI.R-R	1	
R64	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R65,66	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R67	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R68	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R71	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R72	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R73,74	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R75	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R76	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R77-92	D1H810240001	COMBI.R-R	16	
R96,97	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R98,99	D1H833040002	COMBI.R-R	2	
R100,01	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R102	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R103	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R104,05	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R106	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R107,08	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R109-14	D1H833040002	COMBI.R-R	6	
R116	D1H833040002	COMBI.R-R	1	
R117	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R118	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R126	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R132,33	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R134	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R135,36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R138	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R141	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R142	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R147	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R151	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R152	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R153	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R154-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R157,58	D1H810140001	COMBI.R-R	2	
R159-63	D1H833040002	COMBI.R-R	5	
R164	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R165	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R166	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R167	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R168	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R169,70	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R200	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R201	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R202,03	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R204-12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	9	D0GB103JA002
R213,14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R215	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R216	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R217-20	D1H810140001	COMBI.R-R	4	
R252,53	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R254	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R255	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R257	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R258-71	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	14	
R272-79	D1H833040002	COMBI.R-R	8	
R280	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R281	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R282,83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R284-87	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R288	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R289	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R290-93	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R295	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R296	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R297,98	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R300	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R301	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R302	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R303	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R304	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R306-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R311,12	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R313-16	D1H833040002	COMBI.R-R	4	
R317	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R318,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R320-24	D1H833040002	COMBI.R-R	5	
R325,26	D1H810140001	COMBI.R-R	2	
R327,28	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R329,30	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R331,32	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R334	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R351-54	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R355,56	D1H833040002	COMBI.R-R	2	
R357,58	D1H810140001	COMBI.R-R	2	
R359,60	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R361	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R362	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R363,64	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R400-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	11	D0GB103JA002
R411-15	D1H833040002	COMBI.R-R	5	
R416,17	D1H810140001	COMBI.R-R	2	
R418,19	D1H833040002	COMBI.R-R	2	
R420,21	D1H810140001	COMBI.R-R	2	
R422,23	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R424	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R425	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R426,27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R428,29	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R430	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R431	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R432,33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R450-53	D1H833040002	COMBI.R-R	4	
R454	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R455	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R456,57	D1H810140001	COMBI.R-R	2	
R458	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R459	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R460	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R461	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R462	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R463-67	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R470	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R471	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R472	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R473	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R474	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R476,77	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R479	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R480	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R482,83	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R485	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R486	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R500-03	D1H833040002	COMBI.R-R	4	
R504	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R505	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R506,07	D1H810140001	COMBI.R-R	2	
R508	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R510,11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R512	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R514,15	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R550	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R551	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R552,53	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R554	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R555,56	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R557,58	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R559,60	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R561	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R562	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R564	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R600	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R601	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R602,03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R604	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R605,06	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R607,08	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R609,10	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R611	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R612	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R650,51	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R652-59	D1H833040002	COMBI.R-R	8	
R660,61	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R664,65	ERJ3RBD681	M.RESISTOR CH 1/16W 680	2	
R666	ERJ3RBD361	M.RESISTOR CH 1/16W 360	1	
R667	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R668-70	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R671	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R672	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R673-80	D1H833040002	COMBI.R-R	8	
R681	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R682	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R683	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R684	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R685	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R686	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R687,88	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R689	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R690	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R691	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R692	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R693	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R694	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R695	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R696	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R697	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R698	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R699	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R700	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R701-07	D1H833040002	COMBI.R-R	7	
R708,09	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R710	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R717,18	D1H833040002	COMBI.R-R	2	
R726-29	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R750,51	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R752	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R753-56	D1H833040002	COMBI.R-R	4	
R763	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R764	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R767	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R768	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R769	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R800	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R801	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R802	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R803,04	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R805	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R806	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R807	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R808	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R904-07	D1H810240001	COMBI.R-R	4	
TG1-G6	EYF6CU	TEST POINT	6	
TP104,05	EYF6CU	TEST POINT	2	
TP200-05	EYF6CU	TEST POINT	6	
TP250-53	EYF6CU	TEST POINT	4	
TP301,02	EYF6CU	TEST POINT	2	
X450	VSX0907	CRYSTAL OSCILLATOR	1	H4G1805A0003
X800	VSX0975	CRYSTAL OSCILLATOR	1	H1C2295B0001
X801	VSX0973	CRYSTAL OSCILLATOR	1	H1C1385B0001
		MISCELLANEOUS		
	VMS4950	P.C.B. POST	3	
	XYN26+K5	SCREW	3	
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E4	VEP83581A	ECC SUB P.C.BOARD	1	(RTL)
C1	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C2	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C5	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C8	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C9	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C11	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C13	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C15	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C17	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C18,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C20,21	EEVHB0J330	E.CAPACITOR 6.3V 33U	2	
C22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C23	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C25	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C50-52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C53-58	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	6	
C59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C60,61	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	
C62-83	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	22	
C84,85	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	
C100-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C150,51	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C152	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C153-56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C157	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C158	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C159	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C160-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C174	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C201-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C214	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C250-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C300-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C304	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C305	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C306	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C307-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C350-53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C354	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C355	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C356	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C357-68	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C400-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C450-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C462	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C500-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	20	
C550-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	27	
IC2,C3	C0CBAAG00010	IC	2	
IC50	TLCX04F	IC	1	
IC51	C1ZBZ0002082	IC	1	
IC52,53	IDTLVC16245F	IC	2	
IC54,55	C1ZBZ0001555	IC	2	
IC56	S80726ANDP	IC	1	
IC57	C0JBAA000146	VHC	1	
IC100-02	C3HBKG000002	IC	3	
IC150	C3ABRG000002	IC	1	
IC151	H1ZYYYYB0004	IC	1	
IC152	C0JBAA000146	VHC	1	
IC153	C1AB00001590	IC	1	
IC156	C0CBABD00005	IC	1	
IC200	C1AB00001589	IC	1	
IC250,51	C1ZBZ0001804	IC	2	
IC300	C3ABRG000002	IC	1	
IC301	C1AB00001590	IC	1	
IC350	C3ABRG000002	IC	1	
IC351	C1AB00001590	IC	1	
IC400,01	C1ZBZ0001804	IC	2	
IC450	C1AB00001589	IC	1	
IC500	C1ZBZ0002082	IC	1	
IC501,02	IDTLVC16245F	IC	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC550,51	DS90LV047A	IC	2	C0ZBZ0000279
IC552-57	DS90LV048A	IC	6	C0ZBZ0000280
IC558	C1ZBZ0002080	IC	1	
IC559,60	C0JBAZ000606	IC	2	
IC561	TLCX257FT	IC	1	
ID10	VVVSI3763C	SOFTWARE	1	
J1-J3	VJR1095	LUG TERMINAL	3	
L1-11	VLP0192	COIL	11	
P1	K1KAZZA00018	CONNECTOR (FEMALE)	1	
P50	K1KA08B00147	CONNECTOR (FEMALE)	1	
R1	D1H810140001	COMBI.R-R	1	
R50	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R53	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R55,56	D1H833040002	COMBI.R-R	2	
R60	D1H810240001	COMBI.R-R	1	
R61	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R62	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R63	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R64	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R65	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R66	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R67,68	D1H833040002	COMBI.R-R	2	
R69	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R70	D1H810240001	COMBI.R-R	1	
R71	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R72	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R73	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R74	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R75,76	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R77	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R78	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R84	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R87	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R89	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R90-93	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R96	D1H833040002	COMBI.R-R	1	
R100-02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R150-53	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R154	D1H833040002	COMBI.R-R	1	
R155	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R156	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R157,58	D1H833040002	COMBI.R-R	2	
R159	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R160	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R162,63	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R164	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R165,66	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R167	D1H810140001	COMBI.R-R	1	
R168,69	D1H810240001	COMBI.R-R	2	
R172	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R174	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R175,76	D1H810140001	COMBI.R-R	2	
R178	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R207-10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R213	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R214	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R215	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R250-89	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	40	
R290,91	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R300-02	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R303-05	D1H833040002	COMBI.R-R	3	
R306	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R307,08	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R309	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R310	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R311,12	D1H810240001	COMBI.R-R	2	
R313	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R314	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R315	D1H810140001	COMBI.R-R	1	
R316	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R350	D1H833040002	COMBI.R-R	1	
R351-53	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R354,55	D1H833040002	COMBI.R-R	2	
R356	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R357,58	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R359	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R360	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R361,62	D1H810240001	COMBI.R-R	2	
R363	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R364	D1H810140001	COMBI.R-R	1	
R365	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R366	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R400,01	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R402-05	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R450	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R451	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R452	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R501-03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R517-20	D1H810240001	COMBI.R-R	4	
R521,22	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R523-26	D1H810240001	COMBI.R-R	4	
R550-55	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R556,57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R558	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R559,60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R561-64	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R565	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R567,68	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R569-78	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	10	
R580	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R581-84	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R585-88	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R589-98	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	10	
R601-04	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R607,08	D1H810240001	COMBI.R-R	2	
R609,10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R613,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R615,16	D1H810140001	COMBI.R-R	2	
R617,18	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R621	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R622,23	D1H810140001	COMBI.R-R	2	
R626,27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R628	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R629	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R630	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R631,32	D1H810140001	COMBI.R-R	2	
TG1-G4	EYF6CU	TEST POINT	4	
TP66-69	EYF6CU	TEST POINT	4	
TP72-75	EYF6CU	TEST POINT	4	
■ E5	VEP83573A	I/P CONV P.C.BOARD	1	(RTL)
C100	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C101	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C102	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C103	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C104,05	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	2	
C106-11	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C112	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	1	
C113,14	EEFCD0J220R	E.CAPACITOR 6.3V 22U	2	
C115	EEFCD0G560R	E.CAPACITOR 4V 56U	1	
C116,17	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	2	
C206-25	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	20	
C340-44	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C345	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C346-50	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C351	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C352-60	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	9	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C361	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C362	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C363	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C364-69	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C401-16	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	16	
C420	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C500-15	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	16	
C602,03	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C605-08	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C610	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C612	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C614	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C618	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C619	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C620	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C621	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C622	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C623	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C624	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C625	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C626-44	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	19	
C700-11	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	12	
IC100	LT1963EST	IC	1	
IC101,02	C0CBAAB00021	IC	2	
IC200-04	C0JBAF000315	IC	5	
IC205	C0JBAZ001880	IC	1	
IC206-09	TLCX245FT	IC	4	
IC210,11	C0JBAZ001880	IC	2	
IC212,13	TLCX245FT	IC	2	
IC214	C0JBAZ001880	IC	1	
IC215	TLCX245FT	IC	1	
IC216	C0JBAZ001880	IC	1	
IC217	TLCX245FT	IC	1	
IC218,19	TLCX00FT	IC	2	
IC340	C1ZBZ0001942	IC	1	
IC341	C3ABQG000041	IC	1	
IC342	C0JBAZ001544	IC	1	
IC400	UPD82277N003	IC	1	
IC401	C0JBAZ001880	IC	1	
IC500-11	C3ABQG000041	IC	12	
IC512-15	C3ABQB000001	IC	4	
IC600	C1ZBZ0001884	IC	1	
IC700	C0JBAZ001880	IC	1	
IC701	TVHC244FT	IC	1	
IC702-06	C0JBAF000315	IC	5	
IC709	S80715ANDC	IC	1	
ID1	VVVSI3630B	SOFTWARE	1	
IP700-02	C1ZBZ0001555	IC	3	
L100,01	VLF1151A132	COIL	2	
L102-05	VLP0192	COIL	4	
L108	VLP0192	COIL	1	
P100	VJP4064N160C	CONNECTOR (MALE)	1	K1KBG0A00006
P700,01	K1KA08B00147	CONNECTOR (FEMALE)	2	
R100	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R110	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R111	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R112-16	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R117	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R118	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R119	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R120-66	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	47	
R168	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R169-71	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R172,73	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R174	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R175-83	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	9	
R191-02	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	12	
R207	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R208	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R209	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R210	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R211-14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R215-26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	12	
R227,28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R237	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R251	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R267	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R277	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R281	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R289	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R297	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R298	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R299	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R300	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R301	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R302	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R303	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R304	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R305	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R306	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R307	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R308	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R309	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R310-14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R315	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R317,18	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R323	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R327	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R331	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R340	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R341	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R342,43	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R344	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R345	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R346-49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R351	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R352	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R354-59	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R360	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R362-64	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R366	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R367,68	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R371	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R373	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R374	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R375,76	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R377	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R378,79	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R380	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R381	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R382	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R383	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R384	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R410	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R411-14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R418,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R422-04	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	83	
R505-07	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	3	
R508,09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R511	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R519-22	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R600	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R601-03	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R604,05	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R607-18	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	12	
R619	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R621	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R622	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R623	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R624,25	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R626	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R627	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R628	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R630	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R633	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R634	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R635-37	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R638	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R639	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R640	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R641	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R642	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R645	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R649,50	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R651	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R652	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R653-60	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
R661	ERDS2TJ180	C.RESISTOR 1/4W 18	1	
R700	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R701	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R702	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R703	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R704-08	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R709	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R710,11	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R713	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R714-53	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	40	
R754	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R756-59	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R760	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R762-64	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R765	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R766,67	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R770	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R773	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R774	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R775	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R776	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
TG100-05	EYF6CU	TEST POINT	6	
TP200,01	EYF6CU	TEST POINT	2	
TP340,41	EYF6CU	TEST POINT	2	
TP343-52	EYF6CU	TEST POINT	10	
TP355,56	EYF6CU	TEST POINT	2	
TP358	EYF6CU	TEST POINT	1	
TP361	EYF6CU	TEST POINT	1	
TP363-65	EYF6CU	TEST POINT	3	
TP369,70	EYF6CU	TEST POINT	2	
TP372,73	EYF6CU	TEST POINT	2	
TP400-09	EYF6CU	TEST POINT	10	
TP600	EYF6CU	TEST POINT	1	
TP603,04	EYF6CU	TEST POINT	2	
TP606,07	EYF6CU	TEST POINT	2	
TP612,13	EYF6CU	TEST POINT	2	
TP615	EYF6CU	TEST POINT	1	
TP623-25	EYF6CU	TEST POINT	3	
TP654,55	EYF6CU	TEST POINT	2	
TP657-59	EYF6CU	TEST POINT	3	
TP700,01	EYF6CU	TEST POINT	2	
TP703	EYF6CU	TEST POINT	1	
TP705	EYF6CU	TEST POINT	1	
		MISCELLANEOUS		
	XYN3+K6	SCREW	3	
	VMX2020	P.C.BOARD POST	3	K9ZZ00000689
■ E6	VEP83465C	F4 V PROC P.C.BOARD	1	(RTL)
C1	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2-C7	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C8,C9	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C10-12	EEVHB1A330	E.CAPACITOR 10V 33U	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C13-20	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C21,22	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C23-28	EEVHB1A330	E.CAPACITOR 10V 33U	6	
C29,30	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C31,32	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C33,34	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C35,36	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C37	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C38-40	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C45,46	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C47	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C48-55	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C110	ECA1CEN470	E.CAPACITOR 16V 47P	1	
C111,12	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C113,14	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C115	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C116	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C117	EEVHP1H1R0	E.CAPACITOR 50V 1U	1	
C118	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C119	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C120	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C121,22	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C123	ECA1CEN470	E.CAPACITOR 16V 47P	1	
C124	EEVHP1H1R0	E.CAPACITOR 50V 1U	1	
C125	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C126	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C127-30	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C131	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C132	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C133	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
C134,35	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C136-38	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C139	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C140-42	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C143	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C144	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C145	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C146-49	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C155-57	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C158,59	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C160	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C161,62	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C190,91	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C192	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C193,94	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C195	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C196,97	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	2	
C198	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C199	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C200	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C201	EEVHP1H3R3	E.CAPACITOR 50V 3.3U	1	
C202	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C203	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C204,05	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	2	
C206	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C207	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C208	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C209	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C210	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C211	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C212	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C213	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C214	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C215	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C216,17	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C218	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C219	ECEV1VAN2R2	E.CAPACITOR CH 35V 2.2U	1	
C220	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C221	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C222-24	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C225	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C226	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C227	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C228	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C229-34	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C235	EEVHP1H1R0	E.CAPACITOR 50V 1U	1	
C236	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C237	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C238-43	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C252-61	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	10	
C262	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C263-70	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C365-73	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	9	
C374	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C375	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C376	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C377	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C378	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C379	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C380	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C381-85	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C386	EEVHP1H1R0	E.CAPACITOR 50V 1U	1	
C387	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C388-93	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C395,96	ECQB1H103KF	P.CAPACITOR 50V 0.01U	2	
C400,01	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C402	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C403-09	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	7	
C410,11	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C412	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C413-22	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	10	
C423,24	EEVHP1H1R0	E.CAPACITOR 50V 1U	2	
C425-29	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C430	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C431-36	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C437	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C438-43	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C445-47	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C448	VCEA1CAP330	C.CAPACITOR 16V 33U	1	F2D1C3300002
C449,50	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C451	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C452-56	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C457	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C458,59	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C460	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C461,62	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C463	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C464	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C465	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C466	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C467	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C468	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C469	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C470	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C471	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C472	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C473	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C474-76	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C477	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C478,79	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C480	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C481	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C482	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C483,84	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C485	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C486	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C487	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C510,11	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	
C513-16	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	4	
C517	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C518-43	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	26	
C544,45	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C546-50	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	5	
C553,54	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C610,11	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	
C612-16	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C617	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C618	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C630-35	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C680-83	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C684	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C695	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C696-06	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	11	
C707	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C708-11	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C905-10	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C955-58	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C959	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C971,72	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C973,74	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	
C975-79	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C980	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C981-85	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C1075,76	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C1077,78	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	2	
C1079-85	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	7	
C1086	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C1165-69	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C1170	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C1171,72	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C1240	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C1241-44	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C1247-53	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	7	
C1256-59	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C1262-71	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	10	
D45-48	LN1251CAL	DIODE	4	
D110,11	MA142K	DIODE	2	
D190	MA3J14300L	DIODE	1	
D191	MA142K	DIODE	1	
D192	MA3J14300L	DIODE	1	
D365	MA142K	DIODE	1	
D366	MA3J14300L	DIODE	1	
D400,01	MA3J14300L	DIODE	2	
D402	MA142K	DIODE	1	
D445	MA3J14300L	DIODE	1	
IC1	AN78N09	IC	1	
IC2	AN79N09	IC	1	
IC3	LT1129CS8	IC	1	
IC4	LT1175CS8	IC	1	
IC5	C0JBAZ000851	IC	1	
IC7	S80726ANDP	IC	1	
IC45	SN74S1053NS	IC	1	
IC46	SN74S1051NS	IC	1	
IC47	EPF6016A-143	IC	1	C1ZBZ0001560
IC48	C0JBAB000196	IC	1	
IC49,50	IDTLVC16245F	IC	2	
IC110	AN91A12S	IC	1	
IC111	CLC505AJE	IC	1	C0ABAB000024
IC112	GS4981-C	IC	1	
IC113	TC7W53F	IC	1	
IC114	SN74LS123NS	IC	1	
IC115	SN74LS221NS	IC	1	
IC116	TC7W00FU	IC	1	
IC117	NE521D	IC	1	C0BBBB000013
IC155	UPD65650J203	IC	1	C1ZBZ0001380
IC156	SN74LS221NS	IC	1	
IC190,91	XC62GR5022P	IC	2	
IC192	TC7W53F	IC	1	
IC193	C0JBAS000075	IC	1	
IC194	C0ABEB000017	IC	1	
IC195	C0JBAA000117	VHC	1	
IC196	MM74HC221AM	IC	1	C0JBAM000078
IC197	C0JBAZ000606	IC	1	
IC198	C0ABEB000017	IC	1	
IC199	C0JBAZ000606	IC	1	
IC200	C0JBAZ000279	IC	1	
IC201	C0JBAB000196	IC	1	
IC202	C0ABEB000017	IC	1	
IC203	MM74HC221AM	IC	1	C0JBAM000078
IC204	TVHC257FT	IC	1	
IC205	MM74HC221AM	IC	1	C0JBAM000078
IC206	C0JBAM000098	IC	1	
IC250,51	DS90LV048A	IC	2	C0ZBZ0000280

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC252	EPF10K30A203	IC	1	C0JBCZ000005
IC253	IDTLVC16245F	IC	1	
IC254	TLCX245FT	IC	1	
IC255,56	IDTLVC16245F	IC	2	
IC257	C0JBAB000200	IC	1	
IC258	C0JBAZ000851	IC	1	
IC259	C0JBAF000224	IC	1	
IC260	IDTLVC574APG	IC	1	C0JBAF000397
IC261	C0JBAZ000851	IC	1	
IC263	C0JBAZ000851	IC	1	
IC365	C0CBADD00003	IC	1	
IC366	C0CBABD00005	IC	1	
IC367,68	TC7W53F	IC	2	
IC369	C0JBAA000014	IC	1	
IC370	C0JBAZ000279	IC	1	
IC371	C0ABEB000017	IC	1	
IC372-75	C0JBAZ000851	IC	4	
IC376	DS90LV047A	IC	1	C0ZBZ0000279
IC400	C0CBABD00005	IC	1	
IC401	DAC10GS	IC	1	
IC402	C0CBADD00003	IC	1	
IC403	TC7W53F	IC	1	
IC404	C0ABEB000017	IC	1	
IC405	C0JBAZ000851	IC	1	
IC406	DS90LV047A	IC	1	C0ZBZ0000279
IC407,08	C0JBAZ000851	IC	2	
IC409	NJM084M	IC	1	C0ABFB000008
IC410	C0JBAZ000279	IC	1	
IC411	C0JBAZ000851	IC	1	
IC412	C0JBAA000014	IC	1	
IC445,46	LT1129CS8	IC	2	
IC447	ADV7171KS	IC	1	C0ZBZ0000175
IC448	ADV7128KR80	IC	1	
IC449	AD589JR	IC	1	
IC450,51	AD818AR	IC	2	C0ABAB000064
IC452	NE521D	IC	1	C0BBBB000013
IC510	DS90LV048A	IC	1	C0ZBZ0000280
IC511,12	IDTLVC16245F	IC	2	
IC513	TLCX245FT	IC	1	
IC514	C0JBAZ000851	IC	1	
IC610-14	M66282F	IC	5	
IC615	C0JBAZ000851	IC	1	
IC630	EPF10K30A243	IC	1	C1ZBZ0001558
IC680-83	C3ABQG000041	IC	4	
IC695,96	VY06629	IC	2	C1ZBZ0000165
IC697-99	IDTLVC16374F	IC	3	
IC700-03	TLCX257FT	IC	4	
IC905	EPF10K30A243	IC	1	C1ZBZ0001558
IC955-58	C3ABQG000041	IC	4	
IC970,71	M66282F	IC	2	
IC972	UPD65944G020	IC	1	
IC973	M66282F	IC	1	
IC974	IDTLVC16374F	IC	1	
IC975	C0JBAF000224	IC	1	
IC976	IDTLVC574APG	IC	1	C0JBAF000397
IC977,78	C0JBAZ000851	IC	2	
IC1075,76	M66282F	IC	2	
IC1077	UPD65944G020	IC	1	
IC1078	M66282F	IC	1	
IC1079	IDTLVC16374F	IC	1	
IC1080	IDTLVC574APG	IC	1	C0JBAF000397
IC1165	DS90LV047A	IC	1	C0ZBZ0000279
IC1166-68	C0JBAZ000851	IC	3	
IC1169	DS90LV047A	IC	1	C0ZBZ0000279
IC1170	C0CBABD00005	IC	1	
IC1240-49	TLCX257FT	IC	10	
IC1250,51	IDTLVC16374F	IC	2	
IC1252	IDTLVC574APG	IC	1	C0JBAF000397
IC1253	TLCX257FT	IC	1	
IC1254	IDTLVC574APG	IC	1	C0JBAF000397
IC1261	IDTLVC16374F	IC	1	
IC1262	C0JBAF000486	IC	1	
IC1264	UPD65943G028	IC	1	
ID4	VVVSI3741E	SOFTWARE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IP1	C1ZBZ0001555	IC	1	
IP2	EPM7128AE141	IC	1	
L1-L6	VLF1151A132	COIL	6	
L7	VLP0183	COIL	1	J0JKC0000007
L8	VLF1151A132	COIL	1	
L110,11	VLQ0319K470	COIL 47UH	2	G1C470K00013
L112	VLQ0319K221	COIL 220UH	1	G1C221K00010
L113	G1C390J00001	COIL 39UH	1	
L114	VLQ0163J680	COIL 68UH	1	
L190	VLQ0163J470	COIL 47UH	1	
L191	G1C221J00003	COIL 220UH	1	
L365,66	VLQ0163J470	COIL 47UH	2	
L400,01	VLQ0163J220	COIL 22UH	2	
L402	VLQ0163J470	COIL 47UH	1	
L445	VLQ0319K1R0	COIL 1.0UH	1	
L446	VLQ0163J2R7	COIL 2.7UH	1	G1C2R7J00002
L447	VLQ0163JR68	COIL 0.68UH	1	G1CR68J00004
L448-51	VLQ0319K1R0	COIL 1.0UH	4	
L452-54	VLQ0163J470	COIL 47UH	3	
P1,P2	K1KAE8B00001	CONNECTOR (MALE)	2	
P3	K1KAA0B00036	CONNECTOR (MALE)	1	
P4	K1KA08B00147	CONNECTOR (FEMALE)	1	
P1165	VJS4064N160E	CONNECTOR (FEMALE)	1	K1KAG0A00006
Q445,46	XN0460100L	TRANSISTOR-RESISTOR	2	
Q447,48	2SD601-R	TRANSISTOR	2	
QR45-48	UNR521300L	TRANSISTOR	4	
R1-R3	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R6	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
R7	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R8-10	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	3	
R11-15	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R17-20	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R22	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R23	ERDS2TJ820	C.RESISTOR 1/4W 82	1	
R45	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R46	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R47	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R48	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R50	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R51	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R52	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R53,54	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R55-61	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R63-86	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	24	
R88	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R89,90	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R91	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R93,94	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R95	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R98	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100-02	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R103	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R104	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R106-09	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R111	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R112	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R113	ERJ3RED684	M.RESISTOR CH 1/16W 680K	1	
R114	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R115	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R116,17	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R118,19	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R121	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R122	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R123	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
R124,25	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R126	ERJ3RED154	M.RESISTOR CH 1/16W 150K	1	
R127	ERJ3GEYJ824	M.RESISTOR CH 1/16W 820K	1	
R128	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R129	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R130	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R131	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R132	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R133	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R134	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R135	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R136	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R156	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R158-61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R163	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R164	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R165,66	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	2	
R167	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R168	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R169-72	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R173	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R174	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R175	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R176-79	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R180,81	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R190	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R191	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R192	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R193,94	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R195,96	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R197,98	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	2	
R199	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R200	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R201	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R202	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R203	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R204	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R205,06	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R207	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R208	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R209	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R210,11	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R212	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R213	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R214	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R215	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R216	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R217	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R218	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R219	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R220	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R221,22	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R223	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R224-26	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R227	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R228	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R229	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R250,51	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R252,53	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R254,55	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R256	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R257,58	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R260-68	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	9	
R270	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R271	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R272	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R273	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R274-76	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R277,78	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R286	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R288	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R289	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R290	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R291,92	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R294	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R295-06	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	12	
R307-51	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	45	
R353-59	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R365	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R366	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R367	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R368-71	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	4	
R372	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R373	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R374	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R375,76	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R377	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R379-83	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R384,85	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R386	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R388	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R391	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R392	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R394	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R396	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R400,01	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R402	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R403	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R404	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R405	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R406	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R407	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R408,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R410,11	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R412	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R413,14	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R415	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R417	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R418	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R419	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R420	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R421,22	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R423	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R424	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R425	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R426	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R427	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R428-32	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R434-36	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R437	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R445-52	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	8	D0GB103JA002
R453	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R454-56	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R457	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R458	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R459,60	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R461,62	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R463	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R464	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R465	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R466	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R467	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R468-70	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R471	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R472	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R473	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R474	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R475	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R476	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R478	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R479	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R480,81	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R482	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R483	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R484	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R485	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R486	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R488	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R489	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R490	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R491	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R492,93	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R494,95	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R496,97	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R510,11	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R512	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
R513	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R514	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
R515,16	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R517-20	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R521	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R522	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R523-31	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	9	
R532	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R534-50	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	17	
R553-55	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R559-61	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	3	
R562-93	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	32	
R594	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R595,96	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R597-01	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R602	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R610,11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R612	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R613-15	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	3	
R616	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R617-20	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R621-28	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	8	
R629	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R630	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R631	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R632	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R634,35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R637	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R638-69	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	32	
R670	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R680	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R696,97	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R698-57	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	60	
R758	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R759-64	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	6	
R765-04	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	40	
R905	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R906	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R907	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R909-11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R912-43	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	32	
R944	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R955	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R970	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R971-74	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R975	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R976	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R977	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R978	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R979	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R980,81	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R982-91	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	10	
R992,93	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R994-97	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R1008,09	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1010	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1012	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1013	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1014-17	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R1018-23	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R1024,25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R1026,27	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1029-33	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R1034	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R1043	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1044,45	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1046-65	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	20	
R1066-69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R1070	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1071,72	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R1075-78	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R1079	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1080,81	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1082,83	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R1084	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1085-94	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	10	
R1095	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1096-00	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R1111,12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1113,14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R1115,16	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1118-24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	7	
R1125	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R1134	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1135,36	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1137-56	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	20	
R1157	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1158-61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R1165-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	46	D0GB103JA002
R1211-14	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R1217	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1222	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1225	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1227,28	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R1230,31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1232	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1235	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1241,42	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1244	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1246-48	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R1249	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1250	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R1251-56	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R1257-99	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	43	
R1301-24	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	24	
R1325-28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R1329	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1332,33	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1337	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R1346-49	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R1351	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1352	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1353	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
TG1	VJR0646	TEST POINT	1	D0X0R0000022
TG111	VJR0646	TEST POINT	1	D0X0R0000022
TG365	EYF6CU	TEST POINT	1	
TG406	VJR0646	TEST POINT	1	D0X0R0000022
TP110	EYF6CU	TEST POINT	1	
TP112-16	EYF6CU	TEST POINT	5	
TP155	EYF6CU	TEST POINT	1	
TP157	EYF6CU	TEST POINT	1	
TP160,61	EYF6CU	TEST POINT	2	
TP190-93	EYF6CU	TEST POINT	4	
TP195	EYF6CU	TEST POINT	1	
TP268	EYF6CU	TEST POINT	1	
TP270	EYF6CU	TEST POINT	1	
TP274,75	EYF6CU	TEST POINT	2	
TP278	EYF6CU	TEST POINT	1	
TP283,84	EYF6CU	TEST POINT	2	
TP286,87	EYF6CU	TEST POINT	2	
TP295	EYF6CU	TEST POINT	1	
TP365-68	EYF6CU	TEST POINT	4	
TP400-05	EYF6CU	TEST POINT	6	
TP445,46	EYF6CU	TEST POINT	2	
VR110	VRV0113B503	V.RESISTOR 50K	1	D3EC45030002
VR155,56	VRV0113B502	V.RESISTOR 5K	2	D3EC45020002
VR190,91	VRV0113B503	V.RESISTOR 50K	2	D3EC45030002
VR192,93	VRV0113B103	V.RESISTOR 10K	2	
VR194-96	VRV0113B502	V.RESISTOR 5K	3	D3EC45020002
VR365,66	VRV0161B502	V.RESISTOR 5K	2	
VR400-02	VRV0161B502	V.RESISTOR 5K	3	
VR445,46	D3EC41010003	V.RESISTOR 100	2	
VR447,48	VRV0113B102	V.RESISTOR 1K	2	D3EC41020001
X190	VSX0688	CRYSTAL OSCILLATOR	1	H1C1435B0001

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
X191	VSX0689	CRYSTAL OSCILLATOR	1	H1C1775B0002
X192	VSX0677	CRYSTAL OSCILLATOR	1	H1C1355B0002
X365	VSX0981	CRYSTAL OSCILLATOR	1	
X401,02	VSX0788	CRYSTAL OSCILLATOR	2	H1C2705B0006
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E7	VEP83584A	F5 SDI P.C.BOARD	1	(RTL)
C1-C9	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C10	EEFCD1B220R	E.CAPACITOR 12.5V 22U	1	
C11	ECJ1VC1H471G	C.CAPACITOR CH 50V 470P	1	
C14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C15	ECUX1H101GCV	C.CAPACITOR CH 50V 100P	1	
C16	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C18,19	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C21	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C22,23	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C24-26	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C27	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
C28	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C30,31	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C32	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C33	ECUM1E104KBM	C.CAPACITOR CH 25V 0.1U	1	
C34	VCEA1AAP680	E.CAPACITOR 10V 68U	1	F2D1A6800003
C35,36	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C37,38	EEFCD0K330R	E.CAPACITOR 8V 33U	2	
C39	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C40	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
C41	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C42	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C44,45	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C46	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C48	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C51,52	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C53	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C56,57	EEVHB0J330	E.CAPACITOR 6.3V 33U	2	
C58	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C70,71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C72,73	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C101-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C109-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C151-63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C164	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C165-69	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C201-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C301,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C303	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C304-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C314	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C319-27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C328	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C329	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C330	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C331	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C351-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C358	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C376,77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C379-81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C401-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C451-58	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C551	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C552-59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C560	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C561-64	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C565	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C566	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C567	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C568	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C601-14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	14	
C615	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C616-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C651	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C652	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C653-55	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C656	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C657-62	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C701-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C801-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C805	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C806-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	11	
C831	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C832-35	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	4	
C836	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C837,38	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C839	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C840	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C841	EEVHP1H1R0	E.CAPACITOR 50V 1U	1	
C842-48	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C850-53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C881-85	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C890-93	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C901	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C902	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C903-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C908	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C909-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C940,41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C951-63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C964,65	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C966,67	F1J1H100A008	C.CAPACITOR CH 50V 10P	2	
C968-77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C978-81	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	4	F1K1C105A026
D1	DE5SC4M-4061	DIODE	1	B0JDRE000001
D2-D5	MA2P701A0L	DIODE	4	
D151,52	LN1251CAL	DIODE	2	
D831	M1MA152K	DIODE	1	
FL301	EZAST33AAAJ	FILTER	1	
FL451-55	EZAST33AAAJ	FILTER	5	
FL601-12	EZAST33AAAJ	FILTER	12	
FL651	EZAST33AAAJ	FILTER	1	
FL801-06	EZAST33AAAJ	FILTER	6	
FL901-04	EZAST33AAAJ	FILTER	4	
FL910-13	EZAST33AAAJ	FILTER	4	
IC1,C2	DS90LV048A	IC	2	C0ZBZ0000280
IC3	TLCX04F	IC	1	
IC4,C5	C0JBAZ001825	IC	2	
IC6-C8	C0JBAZ001728	IC	3	
IC9	LTC1624IS8	IC	1	
IC10	LT1086CM33	IC	1	
IC11	LT1529CQ	IC	1	
IC12	LT1175CS8	IC	1	
IC13	DS90LV048A	IC	1	C0ZBZ0000280
IC14	TLCX245FT	IC	1	
IC15	DS90LV047A	IC	1	C0ZBZ0000279
IC16	C0JBAZ000855	IC	1	
IC17	DS90LV048A	IC	1	C0ZBZ0000280
IC18	C0JBAZ000855	IC	1	
IC19	C0CBAAH00002	IC	1	
IC50,51	C0JBAZ001825	IC	2	
IC101	C0JBAZ000855	IC	1	
IC102	S80726ANDP	IC	1	
IC104,05	C0JBAA000146	VHC	2	
IC151	C1ZBZ0001836	IC	1	
IC152	B0KB00000017	IC	1	
IC153	SN74S1051NS	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC154-57	TLCX245FT	IC	4	
IC201,02	TLCX245FT	IC	2	
IC203	C0JBAZ001728	IC	1	
IC204-06	C0JBAF000315	IC	3	
IC207	C0JBAZ001880	IC	1	
IC208	TVHC244FT	IC	1	
IC209	TC7WH125FU	IC	1	
IC210	C0JBAB000200	IC	1	
IC301	C1ZBZ0001836	IC	1	
IC302,03	C3HBKG000002	IC	2	
IC304	DS90CR218MTD	IC	1	C0ZBZ0000468
IC305	DS90LV047A	IC	1	C0ZBZ0000279
IC306	TLCX245FT	IC	1	
IC307	C0CBABD00005	IC	1	
IC351	C1ZBZ0001836	IC	1	
IC352,53	IDT70V25L25F	IC	2	
IC401	C1ZBZ0001836	IC	1	
IC402-05	TLCX245FT	IC	4	
IC451-58	TLCX245FT	IC	8	
IC551	C1ZBZ0001836	IC	1	
IC552	DS90CR217MTD	IC	1	C0ZBZ0000466
IC553	C0CBABD00005	IC	1	
IC601	C1ZBZ0001836	IC	1	
IC602-07	C0JBAF000315	IC	6	
IC608,09	C3HBKG000002	IC	2	
IC651	C1ZBZ0001836	IC	1	
IC652	C0JBAZ000851	IC	1	
IC654	MB90098A-107	IC	1	
IC701-10	TLCX245FT	IC	10	
IC801	C1ZBZ0001836	IC	1	
IC802	C3HBKG000002	IC	1	
IC803-05	C0JBAF000315	IC	3	
IC831	TVHT245F	IC	1	
IC832	C0JBAZ000279	IC	1	
IC833	C0ABEB000017	IC	1	
IC834	C0JBAB000350	IC	1	
IC835,36	TLCX245FT	IC	2	
IC837,38	TLCX04F	IC	2	
IC839-42	C0JBAZ000851	IC	4	
IC881	UPD65868GJ38	IC	1	
IC882-85	C0JBAF000315	IC	4	
IC901	C1ZBZ0001836	IC	1	
IC902	TLCX245FT	IC	1	
IC903	MB90098A-107	IC	1	
IC904	C3HBKG000002	IC	1	
IC920,21	TLCX245FT	IC	2	
IC951	C1AB00001648	IC	1	
IC952	TVHC244FT	IC	1	
IC953,54	C1AB00000367	IC	2	
IC955	C1AB00001648	IC	1	
ID1	VVVSI3732D	SOFTWARE	1	
IP101-05	C1ZBZ0001555	IC	5	
J951-53	VJP4131	CONNECTOR (MALE)	3	K1QZB1AD0003
L4	VLP0183	COIL	1	J0JKC0000007
L5	VLQ0441K2R2	COIL 2.2UH	1	
L6	VLQ0651M120	COIL 12UH	1	
L7	VLQ0441K1R0	COIL 1.0UH	1	
L8	VLP0183	COIL	1	J0JKC0000007
L11,12	VLP0183	COIL	2	J0JKC0000007
L72,73	VLP0183	COIL	2	J0JKC0000007
L201	VLQ0319K100	COIL 10UH	1	G1C100K00023
L831,32	VLQ0319K100	COIL 10UH	2	G1C100K00023
L951,52	VLQ0319K100	COIL 10UH	2	G1C100K00023
L953-56	VLQ0426J010	COIL 1UH	4	
P1,P2	K1KAE8B00001	CONNECTOR (MALE)	2	
P3	K1KAA0B00036	CONNECTOR (MALE)	1	
P101	K1KA08B00147	CONNECTOR (FEMALE)	1	
P201	VJP4064K100C	CONNECTOR (MALE)	1	K1KAA0A00020
P451	VJP4064N160C	CONNECTOR (MALE)	1	K1KBG0A00006
P701,02	VJP4064K100C	CONNECTOR (MALE)	2	K1KAA0A00020

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q1	FDS6612A	TRANSISTOR	1	
QR151,52	UN2214	TRANSISTOR-RESISTOR	2	UNR221400L
R1,R2	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R5,R6	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R7-R9	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R15-18	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R19-39	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	21	
R40	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R41-48	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R49	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R50	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R51	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R54	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R55	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R57,58	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R61	VRE0202H47M	M.RESISTOR	1	
R62-68	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R69	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R70	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R71	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R72	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R73-88	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	16	
R91,92	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R93-97	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R98	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R99	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R101,02	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R104	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R106	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R107	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R108-11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R112	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R113	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R115	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R116	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R117	ERJ6GEYG220	M.RESISTOR CH 1/10W 22	1	D0GD220JA003
R118	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R119	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R120-24	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R125	D1H810240001	COMBI.R-R	1	
R126	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R140	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R142	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R144	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R145	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R151	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R152	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R153	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R154	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R155	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R156	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R157,58	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	2	
R159,60	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R165	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R166	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R167-69	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R201	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R202	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R203	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R204	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R206	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R208-11	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R212	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R213,14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R216	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R218	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R224	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R225	D1H833040002	COMBI.R-R	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R226-34	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	9	
R236-50	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	15	
R251-53	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R254	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R256-60	D1H833040002	COMBI.R-R	5	
R261,62	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R263,64	D1H833040002	COMBI.R-R	2	
R265	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R301-04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R305	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R306	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R307,08	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R309-17	D1H833040002	COMBI.R-R	9	
R320-23	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R326	D1H833040002	COMBI.R-R	1	
R327	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R328	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R330	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R331-36	D1H833040002	COMBI.R-R	6	
R337	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R338	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R339,40	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R341	D1H833040002	COMBI.R-R	1	
R342,43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R344,45	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R351	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R352-57	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	6	
R359,60	D1H833040002	COMBI.R-R	2	
R362,63	D1H833040002	COMBI.R-R	2	
R366	D1H833040002	COMBI.R-R	1	
R369	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R371,72	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R373-76	D1H833040002	COMBI.R-R	4	
R377-80	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	4	
R381,82	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R401	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R402	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R403,04	D1H833040002	COMBI.R-R	2	
R405	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R406-08	D1H833040002	COMBI.R-R	3	
R409-11	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R412-15	D1H833040002	COMBI.R-R	4	
R416	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R417	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R424-31	D1H833040002	COMBI.R-R	8	
R451	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R452	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R455	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R456	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R457	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R458	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R459	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R460	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R468,69	D1H833040002	COMBI.R-R	2	
R470	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R471	D1H833040002	COMBI.R-R	1	
R472	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R473-79	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	7	
R480	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R481-90	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	10	
R491	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R492-98	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	7	
R499	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R500	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R501	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R502	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R503-11	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	9	
R512	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R513	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R514-17	D1H833040002	COMBI.R-R	4	
R518	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R551	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R552	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R553-62	D1H833040002	COMBI.R-R	10	
R563	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R564	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R565	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R566	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R601-06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R607	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R608	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R609-13	D1H833040002	COMBI.R-R	5	
R614	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R615,16	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R617	D1H833040002	COMBI.R-R	1	
R618,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R620	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R651	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R652	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R653,54	D1H833040002	COMBI.R-R	2	
R655	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R656-62	D1H833040002	COMBI.R-R	7	
R663	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R664	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R665-67	D1H833040002	COMBI.R-R	3	
R668	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R669	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R701	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R702	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R703	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R704	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R705	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R706	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R707	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R708	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R709	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R710	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R711	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R712	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R713	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R714	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R715-19	D1H833040002	COMBI.R-R	5	
R720	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R721	D1H833040002	COMBI.R-R	1	
R722	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R723,24	D1H833040002	COMBI.R-R	2	
R725,26	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R727	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R728	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R729	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R730	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R731	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R732	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R733	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R734-37	D1H833040002	COMBI.R-R	4	
R738-41	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	4	
R742,43	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R744	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R801	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R804	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R805	D1H833040002	COMBI.R-R	1	
R806	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R807-11	D1H833040002	COMBI.R-R	5	
R812	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R816-19	D1H833040002	COMBI.R-R	4	
R820	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R821	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R822-24	D1H833040002	COMBI.R-R	3	
R831	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R832	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R833	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R834,35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R836	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R837-52	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	16	
R853,54	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R855	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R856	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R857	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R862	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R863,64	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R865	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R866-68	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R869	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R881-83	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R885	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R886-88	D1H833040002	COMBI.R-R	3	
R893	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R894,95	D1H833040002	COMBI.R-R	2	
R901	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R902	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R903	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R904-09	D1H833040002	COMBI.R-R	6	
R912-14	D1H833040002	COMBI.R-R	3	
R915,16	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R917	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R918	D1H833040002	COMBI.R-R	1	
R930	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R931	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R932-38	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R940-43	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R944	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R945	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R946,47	D1H833040002	COMBI.R-R	2	
R951,52	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R953	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R954-57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R958-61	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R964-67	D1H810240001	COMBI.R-R	4	
R968,69	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R970-72	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R995-97	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R998,99	ERJ3RBD361	M.RESISTOR CH 1/16W 360	2	
R1002,03	ERJ3RED510	M.RESISTOR CH 1/16W 51	2	
R1004,05	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R1007	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1009	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1010-18	ERJ6RED750	M.RESISTOR CH 1/10W 75	9	
R1019-24	D1H810140001	COMBI.R-R	6	
TG1-G6	EYF6CU	TEST POINT	6	
TP1-P8	EYF6CU	TEST POINT	8	
TP201-05	EYF6CU	TEST POINT	5	
TP301-08	EYF6CU	TEST POINT	8	
TP353,54	EYF6CU	TEST POINT	2	
TP551,52	EYF6CU	TEST POINT	2	
TP601-06	EYF6CU	TEST POINT	6	
TP801-04	EYF6CU	TEST POINT	4	
TP831-36	EYF6CU	TEST POINT	6	
TP881,82	EYF6CU	TEST POINT	2	
X831	VSX0670	CRYSTAL OSCILLATOR	1	H1C3605A0002
		MISCELLANEOUS		
	VJF0818	WIRE CLAMPER	1	
	VMS4950	P.C.B. POST	12	
	VGF0821	WATERPROOF SHEET	2	
	XYN26+J6	SCREW	12	
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E8	VEP83459B	HD SDI RX P.C.BOARD	1	(RTL)
C1	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3	ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C4	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C5	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C6-C9	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C10	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C11	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C12	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C13,14	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C15	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C16	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C17,18	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C19	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C20	ECST0JX336	T.CAPACITOR CH6.3V 33U	1	
C21	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C22-24	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C25	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C26	ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C27	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C28	ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C29	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C30	ECUX1H0R5CCV	C.CAPACITOR CH 50V 0.5P	1	
C31	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C32	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C33	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C34	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C35,36	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C37-42	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	6	
C46	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C51,52	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C53	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C54	ECST0JY156Z	T.CAPACITOR CH6.3V 15U	1	
C55,56	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C57	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C58-61	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	4	
C62,63	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C64	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C65	ECST0JY156Z	T.CAPACITOR CH6.3V 15U	1	
C66	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C67	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C68-70	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C71	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C72	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C73	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C74	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C75	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C76	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C77	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C78	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C79	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C80	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C81	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C82	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C83	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C84	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C85	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C86	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C87	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C88	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C89	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C90-92	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C93	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C94	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C95	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C96	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C97	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C98	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C99	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C100	ECUX1C225ZFN	C.CAPACITOR CH 16V 2.2U	1	
C101,02	ECST1CC336R	T.CAPACITOR CH 16V 33U	2	
C201-06	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	6	
C207	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C208	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C209	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C210	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C211	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C212	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C213	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C214	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C215	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C216-18	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
D1	MA3X71600L	DIODE	1	
D3	HSMS-2823	DIODE	1	
D4	HSMS-2824	DIODE	1	
D5	MA3J14300L	DIODE	1	
D6	MA142WK	DIODE	1	
D7	MA142K	DIODE	1	
IC1,C2	IVA-14208	IC	2	C0AAAA000033
IC3	C0JBZZ000015	IC	1	
IC4	UPC2746T	IC	1	
IC5	C0ABEB000023	IC	1	
IC6	AD8005ART	IC	1	
IC7,C8	UPC2726T	IC	2	
IC9	C1AB00001315	IC	1	
IC10	C9ZB00000361	IC	1	
IC11	C0JBBZ000174	IC	1	
J1-J3	VJP4131	CONNECTOR (MALE)	3	K1QZB1AD0003
J4	VJS4064K100E	CONNECTOR (FEMALE)	1	K1KAA0A00055
L1-L3	VLQ078210N	COIL	3	G1C10NGA0001
L4	VLQ07828N2	COIL	1	G1C8N2ZA0001
L5	VLQ078268N	COIL	1	G1C68NGA0001
L6	VLP0173	COIL	1	J0JGC0000015
L7	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L9	VLQ07823N3	COIL	1	G1C3N3ZA0001
L10,11	VLP0173	COIL	2	J0JGC0000015
L201	VLP0183	COIL	1	J0JKC0000007
L202	VLQ0441K4R7	COIL 4.7UH	1	
L203	VLP0183	COIL	1	J0JKC0000007
L204,05	VLQ0441K4R7	COIL 4.7UH	2	
Q1-Q3	2SC5185	TRANSISTOR	3	
Q4	2SB1218A-R	TRANSISTOR	1	
Q5	2SC5013	TRANSISTOR	1	
Q6-Q9	2SD1819ALL	TRANSISTOR	4	
Q10,11	XP0460100L	TRANSISTOR	2	
Q12,13	2SC5185	TRANSISTOR	2	
Q14,15	2SC3583	TRANSISTOR	2	
R1,R2	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	2	
R3	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R4,R5	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R6	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R7	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R8	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R9	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R10	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R11	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R12	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R13	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R15,16	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R17,18	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R19	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R20	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R21	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R22	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R23	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R24	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R25	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R26	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R27	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R28,29	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R30	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R31	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R32	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R33	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R36	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R37	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R38	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R39	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R40	ERJ3GEYJ106	M.RESISTOR CH 1/16W 10M	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R41,42	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	2	
R43	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R44,45	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R46,47	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R49	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R52,53	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R54	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R55	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R56	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R57	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R58	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R59	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R60	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R61	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R62	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R63	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R65	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R66	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R67	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R68	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R69	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R71	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R72	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R73	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R75,76	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R77	VLQ07828N2	COIL	1	G1C8N2ZA0001
R78	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R79,80	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R81	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R82-02	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	21	
R103,04	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R105	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R106	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R107,08	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R109	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R110	ERJ6GEYG151	M.RESISTOR CH 1/10W 150	1	
R111	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R112	ERJ6GEYG151	M.RESISTOR CH 1/10W 150	1	
R113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R115,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R117	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R118	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R119	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R120	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R121	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R122	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R123	VRE006610102	M.RESISTOR CH 1/10W 1K	1	D0YD102JA007
R124	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R125	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R126	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R127	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R128	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R129	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R130	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R131	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R140	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R201-23	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	23	
R225	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R226-31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R232-34	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R235	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW1	VSS0367-02B	SWITCH	1	
TG1	VJR0646	TEST POINT	1	D0X0R0000022
VR1	EVM7JGA00B52	V.RESISTOR 500	1	
VR2	EVM7JGA00B53	V.RESISTOR 5K	1	
VR3	EVM7JGA00B14	V.RESISTOR 10K	1	
VR5	EVM7JGA00B13	V.RESISTOR 1K	1	
X1	VSX1057	CRYSTAL OSCILLATOR	1	H4G1487B0001
		MISCELLANEOUS		

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VSC4946	SHIELD COVER	1	
	VSC4947	SHIELD COVER	1	
	VSC4948	SHIELD COVER	1	
■ E9	VEP83460B	HD SDI TX P.C.BOARD	1	(RTL)
C1	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C3	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C5	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C6	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C7	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C8-16	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	9	
C17,18	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	2	
C19,20	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C21	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C22	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C23	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C24	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C25	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C26	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C27	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C28,29	ECST0JC686	T.CAPACITOR CH6.3V 68U	2	
C30	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C31	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C32	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C80-84	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	5	
C85	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C86-88	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C101-03	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C104	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C105	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C106,07	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C108	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C109-13	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	5	F1J1H103A010
C114	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C115,16	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
D80	MA142K	DIODE	1	
IC1	C9ZB00000361	IC	1	
IC2	C0JBBZ000174	IC	1	
IC3	FMM4039XC	IC	1	
IC10	C0ABEB000023	IC	1	
IC13	C0JBZZ000015	IC	1	
IC14	UPC2726T	IC	1	
J1-J5	VJP4131	CONNECTOR (MALE)	5	K1QZB1AD0003
J6	VJS4064K100E	CONNECTOR (FEMALE)	1	K1KAA0A00055
L1	VLF1151A132	COIL	1	
L2,L3	VLP0183	COIL	2	J0JKC0000007
L4	VLF1151A132	COIL	1	
L10	VLQ07823N3	COIL	1	G1C3N3ZA0001
L101-04	VLQ07821N8	COIL	4	G1C1N8ZA0001
Q1,Q2	2SC5185	TRANSISTOR	2	
Q3-Q5	2SC5012	TRANSISTOR	3	
Q6,Q7	2SC5185	TRANSISTOR	2	
R1-45	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	45	
R46-50	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R51-57	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R58	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R63-65	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R66,67	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R68	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R70	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R71	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R80	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R81	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R82,83	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R84	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R85,86	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R87	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R88	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R89	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R91	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R101,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R103,04	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R105,06	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R107	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	1	
R108	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R109	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	1	
R110	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R111	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R112,13	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R114	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R115	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R116	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R117	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R118,19	ERJ3RED620	M.RESISTOR CH 1/16W 62	2	
R120	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R121	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R122	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R123	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R124	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R125	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	1	
R126	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R127	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	1	
R128	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R129	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R130	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R131	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R132	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R133	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R134	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R135	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R136,37	ERJ3RED620	M.RESISTOR CH 1/16W 62	2	
R138	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R139	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R141	ERJ6RBD751	M.RESISTOR CH 1/10W 750	1	
R142	ERJ6RBD151	M.RESISTOR CH 1/10W 150	1	
R143	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R144	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R145	VRE006610102	M.RESISTOR CH 1/10W 1K	1	D0YD102JA007
R146,47	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R150-53	ERJ3RED150	M.RESISTOR CH 1/16W 15	4	
R155	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
TP9	EYF6CU	TEST POINT	1	
VR2	VRV0303B202A	V.RESISTOR 2K	1	D3EC3202A002
X1	VSX1057	CRYSTAL OSCILLATOR	1	H4G1487B0001
■ E10	VEP86318A	F6 SYSCON P.C.BOARD	1	(RTL)
C6001-03	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	3	
C6004	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C6005-07	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	3	
C6008	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C6009	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6010,11	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C6012	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C6013-15	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C6016	EEVHB1C100	E.CAPACITOR 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6017	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6018	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C6019	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6020	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6021,22	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6023	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C6024	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6025	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6026	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6027,28	ECA1CHG682	E.CAPACITOR 16V 6800U	2	
C6029	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C6030,31	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C6032	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C6033	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C6034	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C6035	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6036	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C6037	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C6038	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6039,40	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C6041	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6042	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6181,82	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6183,84	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C6185	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6187	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C6191-93	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	3	
C6236	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C6238	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C6241	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6243,44	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6245	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C6246	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6248-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	14	
C6295-00	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C6351,52	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6354-57	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	4	
C6358-60	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C6361	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6362,63	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6364-70	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	7	
C6391,92	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6393,94	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6395	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6396-99	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C6441-48	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	8	
C6449,50	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C6451	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C6452	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6453	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C6454,55	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C6458	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C6459	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C6460-62	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C6471	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6472,73	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	2	
C6474	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6475-80	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C6501-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C6541-50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C6591	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C6592	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C6593-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	14	
C6607	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C6608,09	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	2	
C6641,42	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	2	
C6643	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C6644	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C6646-64	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	19	
C6701	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6702	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C6703-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	11	
C6714,15	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	2	
C6781-85	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C6831	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6832	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6833	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C6834	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6835	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C6836	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C6837	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C6838-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C6842	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C6843,44	ECEV1EN4R7Q	E.CAPACITOR CH 25V 4.7U	2	
C6845,46	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6847,48	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6849	ECEV1EN4R7Q	E.CAPACITOR CH 25V 4.7U	1	
C6850	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C6851	ECEV1EN4R7Q	E.CAPACITOR CH 25V 4.7U	1	
C6852	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C6853	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C6854	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C6855	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6856,57	ECEV1EN4R7Q	E.CAPACITOR CH 25V 4.7U	2	
C6858,59	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6860,61	ECA1CAXN330	E.CAPACITOR 16V 33U	2	
C6862	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6911,12	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6916	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6926-33	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	8	
C6974	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6976,77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6978	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6979,80	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	2	
C6981,82	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6983	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6984-87	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
D6009-11	MA704A	DIODE	3	
D6012-14	MA2Q73800L	DIODE	3	
D6027	MA8051-H	DIODE	1	
D6028,29	MA142WK	DIODE	2	
D6030	DE5SC4M-4061	DIODE	1	B0JDRE000001
D6031-35	MA142WK	DIODE	5	
D6036	MA147	DIODE	1	
D6037-39	MA142WK	DIODE	3	
D6040	MA3030-H	DIODE	1	
D6041-53	MA2Q73800L	DIODE	13	
D6054-56	NSQ03A04	DIODE	3	B0JCPE000013
D6057	MA152WK	DIODE	1	
D6058	NSQ03A04	DIODE	1	B0JCPE000013
D6059,60	MA2Q73800L	DIODE	2	
D6061	MA152WK	DIODE	1	
D6062,63	MA2Q73800L	DIODE	2	
D6181	MA142WK	DIODE	1	
D6182	MA8051-M	DIODE	1	
D6184	MA8075-M	DIODE	1	
D6236	MA3J14300L	DIODE	1	
D6237	LN1251CAL	DIODE	1	
D6238-42	MA3J14300L	DIODE	5	
D6471	MA3J14300L	DIODE	1	
D6591	LN1251CAL	DIODE	1	
D6641	LN1251CAL	DIODE	1	
D6701	LN1251CAL	DIODE	1	
D6831-34	MA147	DIODE	4	
D6946	MA147	DIODE	1	
D6947	MA715	DIODE	1	
IC6009	NJM78L09UA	IC	1	C0CBAHC00002
IC6010	NJM79L09UA	IC	1	C0CABBF00001
IC6011	LT1086CM33	IC	1	
IC6012	TC4538BF	IC	1	
IC6027	C0ABBA000071	IC	1	
IC6028-30	TC4538BF	IC	3	
IC6031	C0ABBA000071	IC	1	
IC6181	LVX3245QSC	IC	1	
IC6182,83	BA6238A	IC	2	C0GAK0000007
IC6191	C0JBAC000158	IC	1	
IC6192	C0JBAA000174	IC	1	
IC6193	TLCX04F	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC6237,38	C0JBAB000422	IC	2	
IC6295	C0ZBZ0000599	IC	1	
IC6296	C0ZBZ0000597	IC	1	
IC6297	C0ZBZ0000599	IC	1	
IC6298	C0ZBZ0000597	IC	1	
IC6299,00	C0JBAZ001647	IC	2	
IC6351	C0JBAF000250	IC	1	
IC6353,54	T74HC191AF	IC	2	
IC6355	C0JBAF000414	IC	1	
IC6356	C0JBAZ001003	IC	1	
IC6357	C0JBAA000174	IC	1	
IC6358,59	MAX3223CAP	IC	2	C0ZBZ0000220
IC6391	C0ZBZ0000597	IC	1	
IC6392	UPD72001GCA8	IC	1	C1CB00000895
IC6393	C0ZBZ0000599	IC	1	
IC6394	IDT71V321L5F	IC	1	C3HBCC000023
IC6395	C0JBAN000098	VHC	1	
IC6396	C0JBAE000148	IC	1	
IC6397	TVHT541FT	IC	1	
IC6398	C0JBAC000158	IC	1	
IC6441,42	LVX3245QSC	IC	2	
IC6443,44	TVHT541FT	IC	2	
IC6445,46	C3ZBD0000004	IC	2	
IC6448,49	TLCX245FT	IC	2	
IC6450	IDTLVC16245F	IC	1	
IC6451	B0KB00000017	IC	1	
IC6472	TL7705CPSB	IC	1	C0EBS0000002
IC6473	C0EBE0000015	IC	1	
IC6501	IDT71V321L5F	IC	1	C3HBCC000023
IC6502,03	IDTLVC16245F	IC	2	
IC6504,05	B0KB00000017	IC	2	
IC6541,42	TLCX245FT	IC	2	
IC6543	IDTLVC16245F	IC	1	
IC6544	B0KB00000017	IC	1	
IC6545	IDT71V321L5F	IC	1	C3HBCC000023
IC6546	IDTLVC16245F	IC	1	
IC6547	B0KB00000017	IC	1	
IC6548	TLCX04F	IC	1	
IC6592	C0JBAZ000851	IC	1	
IC6642	TLCX245FT	IC	1	
IC6643	C0JBAF000250	IC	1	
IC6645	C0JBAZ000851	IC	1	
IC6646	TLCX245FT	IC	1	
IC6702	C0JBAZ001121	IC	1	
IC6782	TLCX245FT	IC	1	
IC6831	MN51040VPI	IC	1	
IC6832	C0JBAS000075	IC	1	
IC6833	NJM2068MD	IC	1	C0ABBB000031
IC6834	NJM4560MD	IC	1	C0ABBB000116
IC6835	UPC4741G2	IC	1	
IC6836	NJM319M	IC	1	C0BBBA000026
IC6911,12	IDT71V321L5F	IC	2	C3HBCC000023
IC6926	LVX3245QSC	IC	1	
IC6927	TVHT541FT	IC	1	
IC6929	LVX3245QSC	IC	1	
IC6930,31	TVHT541FT	IC	2	
IC6946	C0BBCA000021	IC	1	
IC6947-52	C0JBAZ001121	IC	6	
IC6953	TVHT541FT	IC	1	
ID1	VVVSI3729	SOFTWARE	1	
ID236	VVVSI3739C	SOFTWARE	1	
ID591	VVVSI3736D	SOFTWARE	1	
ID641	VVVSI3738E	SOFTWARE	1	
ID701	VVVSI3737D	SOFTWARE	1	
IP6236	C2DBLK000002	IC	1	
IP6471	C1ZBZ0001692	IC	1	
IP6591	C2DBLK000001	IC	1	
IP6641	C2DBLK000002	IC	1	
IP6701	C2DBLK000001	IC	1	
IP6781	X9144L7T144	IC	1	
IP6911	C3FBLD000046	IC	1	
IS6447	VJS3109	CONNECTOR (FEMALE)	1	K3E032A00008

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L6009-12	VLP0183	COIL	4	J0JKC0000007
L6013	VLQ0319K470	COIL 47UH	1	G1C470K00013
L6014	VLP0183	COIL	1	J0JKC0000007
L6295-02	VLQ0576	COIL	8	
L6391-94	VLQ0576	COIL	4	
P6001,02	K1KAE8B00001	CONNECTOR (MALE)	2	
P6003	K1KAA0B00036	CONNECTOR (MALE)	1	
P6191-94	VJS3791B020	CONNECTOR (FEMALE)	4	
P6236	K1KA10A00303	CONNECTOR (MALE)	1	
P6360	VJP1607T	CONNECTOR (MALE)	1	K1KA03B00051
P6471	K1KA08B00147	CONNECTOR (FEMALE)	1	
P6591	K1KA10A00303	CONNECTOR (MALE)	1	
P6641	K1KA10A00303	CONNECTOR (MALE)	1	
P6701	K1KA10A00303	CONNECTOR (MALE)	1	
Q6009	2SB710A-R	TRANSISTOR	1	
Q6010,11	2SB766-R	TRANSISTOR	2	
Q6012	2SD0602ARL	TRANSISTOR	1	
Q6027	2SD601A-R	TRANSISTOR	1	
Q6028	2SB936A-Q	TRANSISTOR	1	
Q6029	2SD601A-R	TRANSISTOR	1	
Q6030	2SB936A-Q	TRANSISTOR	1	
Q6031	2SD601A-R	TRANSISTOR	1	
Q6032	2SB0709ALL	TRANSISTOR	1	
Q6033	2SD601A-R	TRANSISTOR	1	
Q6034	2SB0709ALL	TRANSISTOR	1	
Q6035	2SD601A-R	TRANSISTOR	1	
Q6036	2SB0709ALL	TRANSISTOR	1	
Q6037	2SB1073-R	TRANSISTOR	1	
Q6038	2SD1119-R	TRANSISTOR	1	
Q6039	2SB1073-R	TRANSISTOR	1	
Q6040	2SD1119-R	TRANSISTOR	1	
Q6041	2SB1073-R	TRANSISTOR	1	
Q6042	2SD1119-R	TRANSISTOR	1	
Q6043	2SB1073-R	TRANSISTOR	1	
Q6044	2SD1119-R	TRANSISTOR	1	
Q6045	2SB1073-R	TRANSISTOR	1	
Q6046	2SD1119-R	TRANSISTOR	1	
Q6047	2SB1073-R	TRANSISTOR	1	
Q6048	2SD1119-R	TRANSISTOR	1	
Q6049	2SD601A-R	TRANSISTOR	1	
Q6050	2SB0709ALL	TRANSISTOR	1	
Q6051	2SD601A-R	TRANSISTOR	1	
Q6052	2SB0709ALL	TRANSISTOR	1	
Q6053	2SD601A-R	TRANSISTOR	1	
Q6054	2SB0709ALL	TRANSISTOR	1	
Q6055	2SD601A-R	TRANSISTOR	1	
Q6056	2SB0709ALL	TRANSISTOR	1	
Q6057,58	2SD601A	TRANSISTOR	2	
Q6059	2SB1073-R	TRANSISTOR	1	
Q6060	2SD1119-R	TRANSISTOR	1	
Q6061	2SB1073-R	TRANSISTOR	1	
Q6062	2SD1119-R	TRANSISTOR	1	
Q6063	2SD601A-R	TRANSISTOR	1	
Q6064	2SB0709ALL	TRANSISTOR	1	
Q6831,32	2SB709A	TRANSISTOR	2	
QR6009	DTC114YUA106	TRANSISTOR	1	B1GBCFJN0009
QR6010,11	UN2214	TRANSISTOR-RESISTOR	2	UNR221400L
QR6027	UNR521300L	TRANSISTOR	1	
QR6028-31	DTC114YUA106	TRANSISTOR	4	B1GBCFJN0009
QR6032	UNR521300L	TRANSISTOR	1	
QR6033-40	DTC114YUA106	TRANSISTOR	8	B1GBCFJN0009
QR6041	UNR521400L	TRANSISTOR-RESISTOR	1	
QR6042,43	DTC114YUA106	TRANSISTOR	2	B1GBCFJN0009
QR6044	UNR511300L	TRANSISTOR	1	
QR6045	UNR521300L	TRANSISTOR	1	
QR6047-54	UNR511300L	TRANSISTOR	8	
QR6181-84	UNR521300L	TRANSISTOR	4	
QR6236	UNR521300L	TRANSISTOR	1	
QR6591	UNR521300L	TRANSISTOR	1	
QR6641	UNR521300L	TRANSISTOR	1	
QR6701	UNR521300L	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6001	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6002,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6009	ERG1SJ220	M.RESISTOR 1W 22	1	
R6010	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R6011	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6012,13	ERJ8GEYJ151	M.RESISTOR CH 1/8W 150	2	
R6014	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R6015	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R6016	ERJ8GEYJ102	M.RESISTOR CH 1/8W 1K	1	
R6017	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R6018	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R6019	ERJ8GEYJ102	M.RESISTOR CH 1/8W 1K	1	
R6020	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R6021,22	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R6027,28	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R6029	ERJ8GEYJ152	M.RESISTOR CH 1/8W 1.5K	1	
R6030-33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R6034	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R6035	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R6036	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R6037,38	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	2	
R6039-42	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R6043	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	1	
R6044	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R6045	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R6046	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6047	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6048	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R6049	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6050	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6052	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6053	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R6054	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6055	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R6056,57	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R6060	ERJ8GEYJ152	M.RESISTOR CH 1/8W 1.5K	1	
R6061	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R6062	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6064	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	1	
R6065	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R6067,68	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	2	
R6069	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6070,71	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6072,73	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6074,75	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6076,77	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6078,79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6080	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6081-90	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	10	
R6091	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6092,93	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6094,95	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R6096,97	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6098	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6099	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R6100,01	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6102	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R6103	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6104,05	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6106,07	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R6108,09	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6110	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6111	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R6112,13	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6114	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R6115-24	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	10	
R6125	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6126,27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6128,29	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6130,31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6132,33	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6134,35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6136,37	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6138,39	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6140	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6141,42	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	2	
R6143,44	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R6145	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	1	
R6146-49	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	4	
R6150-52	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	3	
R6153	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6154,55	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6156	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6157-59	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	3	
R6161	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6162,63	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6164	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6165,66	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6167	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	1	
R6168	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R6169,70	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R6171	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6172,73	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6174	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6175	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	1	
R6176	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6177	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6178	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R6179	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6180	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R6181	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6182	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6183	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6184	ERX1SJ1R0	M.RESISTOR 1W 1.0	1	
R6185	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R6186	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R6187	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R6188	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R6189	ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R6191-94	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R6195-98	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R6199,00	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6201	EXBV8V103J	COMBI.R-R 10K	1	
R6203-08	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R6209-14	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	6	
R6215-18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R6219-24	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R6225	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6226,27	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6228,29	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6234	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6235	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6236	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R6239	EXBV8V103J	COMBI.R-R 10K	1	
R6240	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6241	EXBV8V103J	COMBI.R-R 10K	1	
R6242	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6243	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6244,45	EXBV8V103J	COMBI.R-R 10K	2	
R6246	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6248	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6249	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6250	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6252	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6255,56	EXBV8V103J	COMBI.R-R 10K	2	
R6257	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6259	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6261	EXBV8V103J	COMBI.R-R 10K	1	
R6262	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6269	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R6271,72	EXBV8V103J	COMBI.R-R 10K	2	
R6273	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6274	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6275,76	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R6277	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6278	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6279	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R6283	EXBV8V103J	COMBI.R-R 10K	1	
R6287	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6288	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6289	EXBV8V103J	COMBI.R-R 10K	1	
R6290	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6291-93	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R6294	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6295,96	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6297	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R6298,99	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6300-03	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R6304	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6305	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6306	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6307	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6308-10	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	3	
R6311	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6313,14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6315	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R6316-19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R6320,21	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R6322,23	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6324-26	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	3	
R6327	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6328	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R6329	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6330	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R6331	ERJ12YJ101H	M.RESISTOR CH 1/2W 100	1	
R6333-35	ERJ12YJ101H	M.RESISTOR CH 1/2W 100	3	
R6347-49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R6353	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6354,55	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6357-59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R6363,64	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6365	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6374-78	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R6379	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6380	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6381	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6383,84	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6386,87	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6388	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6391,92	ERJ12YJ101H	M.RESISTOR CH 1/2W 100	2	
R6399,00	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6401,02	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R6403	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6404	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6405	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R6406	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6407	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6408	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6409	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R6410	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6411	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6412	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6413-16	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R6417	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6418	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6419	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6420	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6421,22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6423	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6424-27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R6428	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6429,30	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6431	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6432	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6433	EXBV8V103J	COMBI.R-R 10K	1	
R6441	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6442	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6443	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6444-50	EXB24V101J	COMBI.R-R 100	7	
R6452	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6454	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6455	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6456-59	EXBV8V103J	COMBI.R-R 10K	4	
R6470	EXBV8V103J	COMBI.R-R 10K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6471	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R6472	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6474	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6475,76	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6477	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6478	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6479	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6480	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6481	EXBV8V103J	COMBI.R-R 10K	1	
R6482	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6483	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6484	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6485	EXBV8V103J	COMBI.R-R 10K	1	
R6486-89	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	4	
R6490-93	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R6494	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6495	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6496,97	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6498-00	EXBV8V103J	COMBI.R-R 10K	3	
R6501-04	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	4	
R6505-20	EXB24V100J	COMBI.R-R 10	16	
R6521	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6523	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6525	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6526-29	EXBV8V103J	COMBI.R-R 10K	4	
R6541,42	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6543	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6544,45	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R6546,47	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6550,51	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R6552-67	EXB24V100J	COMBI.R-R 10	16	
R6568	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6570	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6572	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6573	EXBV8V103J	COMBI.R-R 10K	1	
R6575-78	EXBV8V103J	COMBI.R-R 10K	4	
R6581,82	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6583	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6591	EXBV8V103J	COMBI.R-R 10K	1	
R6592	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6593	EXBV8V103J	COMBI.R-R 10K	1	
R6594	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6596	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6597	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R6598	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6599	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6600-02	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R6603	EXBV8V103J	COMBI.R-R 10K	1	
R6604	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6605	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6606,07	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6608	EXBV8V103J	COMBI.R-R 10K	1	
R6609-11	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R6612	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6613	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6614	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6615	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6616,17	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R6618	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6619	EXBV8V103J	COMBI.R-R 10K	1	
R6620-23	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R6624,25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6626	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R6627	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6628	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6629	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R6630	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6631	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6632	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6633	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6634	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6635	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6636	EXBV8V103J	COMBI.R-R 10K	1	
R6637	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6638,39	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6640	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6641	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6642	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6643	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6644	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R6645	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6647	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6648,49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6650	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6651	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6653	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R6659-61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R6665	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6666,67	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6668	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6669	EXBV8V103J	COMBI.R-R 10K	1	
R6670-72	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	3	
R6673,74	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6675	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6676	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6677	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6678	EXBV8V103J	COMBI.R-R 10K	1	
R6679,80	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R6681,82	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6683	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6684-86	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	3	
R6687	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R6688	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R6689-92	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R6693	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6694	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6695	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6696	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6697	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6698	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6699	ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R6701,02	EXBV8V103J	COMBI.R-R 10K	2	
R6703	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6704	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6705	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6706-08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R6709	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6710	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R6711,12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6714,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6718,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6720	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6721	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6722	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6723	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6724	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6725	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6726-29	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R6730	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6731	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6732	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6733,34	EXBV8V103J	COMBI.R-R 10K	2	
R6735	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6737	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6738	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6739-43	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	5	
R6744	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6745	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6747	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6748,49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6750	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6751	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R6752,53	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6756	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6760	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R6761	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6763	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6764	EXBV8V103J	COMBI.R-R 10K	1	
R6765	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6766-68	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6770	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6771	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6773	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6775	EXBV8V103J	COMBI.R-R 10K	1	
R6781	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6782	EXBV8V103J	COMBI.R-R 10K	1	
R6783	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6784	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6785-87	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R6788	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6789,90	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R6791	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6792-94	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R6795	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6797	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6798,99	EXBV8V103J	COMBI.R-R 10K	2	
R6831	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6832	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6833	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6834	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6835	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6836,37	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R6838	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R6840	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6841,42	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6843	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6844	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6846-48	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R6851	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6853	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R6854	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6855,56	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6857	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6858-60	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	3	
R6861	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6862,63	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	2	
R6864,65	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R6866	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R6867	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R6868	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R6869,70	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	2	
R6871	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R6872	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R6873	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6874,75	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6876	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R6877-80	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	4	
R6881	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6882	ERJ6RBD512	M.RESISTOR CH 1/10W 5.1K	1	
R6884,85	ERJ6RBD562	M.RESISTOR CH 1/10W 5.6K	2	
R6886	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6888	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
R6889,90	ERJ6RED470	M.RESISTOR CH 1/10W 47	2	
R6891	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6892	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6893	ERJ3GEYJ824	M.RESISTOR CH 1/16W 820K	1	
R6894	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6895	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R6896,97	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6898,99	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6900	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6903	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6904	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6905-08	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	4	
R6909	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6911	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6913-17	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R6918	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6919	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R6920-24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	5	
R6925	EXBV8V103J	COMBI.R-R 10K	1	
R6926-28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R6929	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6930,31	ERJ3GEYJ363	M.RESISTOR CH 1/16W 36K	2	
R6932	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6933	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6934,35	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6936,37	ERJ3GEYJ363	M.RESISTOR CH 1/16W 36K	2	
R6938	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6939,40	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6941	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6942	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6943	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6944	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6945	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6946	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6947	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6948	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6949	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6950	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6951	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6952	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6953	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6954	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6955	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6956	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6957	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6958	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6959	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6960	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6961	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6962	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6963	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6964	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6965	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6966	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6967	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6968	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6969	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6970	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6971	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6972	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6973	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6974	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6975	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6976	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6977	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6978	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6979	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6980	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6981	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6982	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6983,84	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6985,86	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6987	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6988	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6989	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6990	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6991,92	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R6993	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6995	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6996	EXBV8V103J	COMBI.R-R 10K	1	
R6997,98	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6999	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7001-04	EXB24V473J	COMBI.R-R 47K	4	
R7005	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
RY6027	VSY2070	RELAY	1	
SW6236	VSS0367-08B	SWITCH	1	
SW6237	VSS0367-04B	SWITCH	1	
SW6471	VSS0367-04B	SWITCH	1	
SW6472	VSR0232	SWITCH	1	K0N116B00003
SW6701	VSS0367-08B	SWITCH	1	
TG6010-13	EYF6CU	TEST POINT	4	
TP6191-93	EYF6CU	TEST POINT	3	
TP6239	EYF6CU	TEST POINT	1	
TP6241-47	EYF6CU	TEST POINT	7	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TP6250-53	EYF6CU	TEST POINT	4	
TP6295,96	EYF6CU	TEST POINT	2	
TP6351-54	EYF6CU	TEST POINT	4	
TP6391	EYF6CU	TEST POINT	1	
TP6393	EYF6CU	TEST POINT	1	
TP6591-98	EYF6CU	TEST POINT	8	
TP6641-46	EYF6CU	TEST POINT	6	
TP6701-08	EYF6CU	TEST POINT	8	
TP6710	EYF6CU	TEST POINT	1	
TP6781	EYF6CU	TEST POINT	1	
TP6831-33	EYF6CU	TEST POINT	3	
TP6947,48	EYF6CU	TEST POINT	2	
X6236	H0J921400004	CRYSTAL OSCILLATOR	1	
X6591	H0J921400004	CRYSTAL OSCILLATOR	1	
X6641	H0J921400004	CRYSTAL OSCILLATOR	1	
X6701	H0J921400004	CRYSTAL OSCILLATOR	1	
X6831	VSX1001	CRYSTAL OSCILLATOR	1	H2C143500002
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E11	VEP82242A	F7 SERVO P.C.BOARD	1	(RTL)
C1001	EEVHB1C101	E.CAPACITOR 25V 100U	1	
C1002	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C1003	ECUM1H473KBN	C.CAPACITOR CH 50V 0.047U	1	
C1004	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C1005	ECUX1E105KBM	C.CAPACITOR CH 25V 1U	1	
C1006	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C1007	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1008	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C1009	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C1010	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1011	VCEA1ASC4R7M	E.CAPACITOR 10V 4.7U	1	F2D1A4R70002
C1012	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C1013	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C1014	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C1015	ECUM1C224KBM	C.CAPACITOR CH 16V 0.22U	1	
C1016,17	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C1018	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C1019	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C1020	EEFCD1B220R	E.CAPACITOR 12.5V 22U	1	
C1021	VCEA1DAP330	C.CAPACITOR 20V 33P	1	
C1022	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1023	F2D1D6800001	E.CAPACITOR 20V 68P	1	
C1024	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C1025	VCEA1CAP470	C.CAPACITOR 16V 47P	1	
C1026	F2D1C1010001	E.CAPACITOR 16V 100U	1	
C1027	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1028	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C1029,30	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C1051	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C1052	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C1053	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C1054	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C1055	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1056	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C1057	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C1058	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1059	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C1060	VCEA1ASC4R7M	E.CAPACITOR 10V 4.7U	1	F2D1A4R70002
C1061	ECUM1C224KBM	C.CAPACITOR CH 16V 0.22U	1	
C1062,63	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C1064	F2D1C1010001	E.CAPACITOR 16V 100U	1	
C1065	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C1066	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1067	EEVHB1C470P	E.CAPACITOR 16V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1068,69	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	2	
C1070	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C1071	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C1072	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C2000,01	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2002	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C2003	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C2004,05	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C2006,07	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2009,10	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	2	
C2011	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2012-18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	7	
C2019	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C2020	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2021	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C2022	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C2023	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C2024-28	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	5	
C2029	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2030,31	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2100	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2101,02	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	2	
C2103,04	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	2	
C2105	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2106,07	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C2108,09	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2110,11	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	2	
C2112	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2113,14	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C2115,16	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2150	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2151,52	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	2	
C2153,54	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	2	
C2155	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2156,57	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C2158,59	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2160,61	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	2	
C2162	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2163,64	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C2165	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2200	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2201,02	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	2	
C2203,04	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	2	
C2205	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2206,07	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C2208	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2209,10	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	2	
C2211	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2212,13	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C2214	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2250,51	ECUX1C224ZFV	C.CAPACITOR CH 16V 0.22U	2	
C2252	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2253	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C2254	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C2255	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2256	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2257	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2258	EEVHB1H4R7	E.CAPACITOR 50V 4.7U	1	
C2259	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C2260	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2261	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C2262	ECUX1H123KBV	C.CAPACITOR CH 50V 0.012U	1	
C2263	ECUX1C224ZFV	C.CAPACITOR CH 16V 0.22U	1	
C2264-67	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C2269,70	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2300-02	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C2303	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C2304	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C2305,06	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C2307,08	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	2	
C2309,10	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2311	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2312,13	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	2	
C2314-16	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C2317,18	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2319,20	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	2	
C2321-28	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C2329	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C2330	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2400-08	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	9	
C2450-52	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C2453	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C2454	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2455-59	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	5	
C2460	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	1	
C2461	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2462	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	1	
C2463	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C2464	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2465	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C2466	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	1	
C2467	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C2468	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	1	
C2469	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C2470	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2472	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2473	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	1	
C2474	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C2550	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2551	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C2552,53	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2554	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C2555	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2556	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C2557-59	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C2560	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2561	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2562	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2563,64	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2565	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2566,67	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2568	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C2569	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2570,71	EEVHB1H1R0	E.CAPACITOR 50V 1U	2	
C2574	EEVHB1H1R0	E.CAPACITOR 50V 1U	1	
C2575	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2576	EEVHB1H1R0	E.CAPACITOR 50V 1U	1	
C2577-80	ECA1CHG332	C.CAPACITOR 16V 3300U	4	
C2581	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2582	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2600	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2601	EEUFC1J101	E.CAPACITOR 63V 100U	1	
C2602	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2603,04	EEUFC1J101	E.CAPACITOR 63V 100U	2	
C2605	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C2606	EEUFC1J101	E.CAPACITOR 63V 100U	1	
C2607	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2608	EEUFC1C271	E.CAPACITOR 16V 270U	1	
C2609	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2610	EEUFC1C271	E.CAPACITOR 16V 270U	1	
C2611	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C2612	EEUFC1C271	E.CAPACITOR 16V 270U	1	
C2613-15	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C2650	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2651-54	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C2655,56	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C2657	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2659-61	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C2662	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2663-66	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C2667,68	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C2669	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2670	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2671-73	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C2674	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2700	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C2701	EEUFC1J101	E.CAPACITOR 63V 100U	1	
C2702-04	EEVHB1H4R7	E.CAPACITOR 50V 4.7U	3	
C2705	ECUX1H681KBV	C.CAPACITOR CH 50V 680P	1	
C2706,07	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2708	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2709	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2710	EEVHB1H1R0	E.CAPACITOR 50V 1U	1	
C2711	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C2712	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C2713	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
C2714-16	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C2717	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2718-20	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	3	
C2721	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2722,23	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2724,25	ECUX1C274KBN	C.CAPACITOR CH 16V 0.27U	2	
C2726	EEVHB1E4R7	E.CAPACITOR 25V 4.7U	1	
C2727-29	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	3	
C2800	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C2801	EEUFC1J101	E.CAPACITOR 63V 100U	1	
C2802-04	EEVHB1H4R7	E.CAPACITOR 50V 4.7U	3	
C2805	ECUX1H681KBV	C.CAPACITOR CH 50V 680P	1	
C2806,07	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2808	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2809	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2810	EEVHB1H1R0	E.CAPACITOR 50V 1U	1	
C2811	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C2812	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C2813	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
C2814-16	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C2817	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C2818-20	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	3	
C2821	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C2822,23	ECUX1C274KBN	C.CAPACITOR CH 16V 0.27U	2	
C2827,28	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C2829,30	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2831	ECUX1H183KBV	C.CAPACITOR CH 50V 0.018U	1	
D1003	MA142WK	DIODE	1	
D1005	MA142WK	DIODE	1	
D1006	SFPB-76V	DIODE	1	
D1007	MA8075-H	DIODE	1	
D1008	SFPB-64V	DIODE	1	B0JCME000027
D1009	DE5SC4M-4061	DIODE	1	B0JDRE000001
D1051,52	MA142WK	DIODE	2	
D1054	SFPB-76V	DIODE	1	
D1055	MA8043-M	DIODE	1	
D1056	MA3068-M	DIODE	1	
D2000,01	MA147	DIODE	2	
D2002-05	MA8075-H	DIODE	4	
D2006,07	MA142K	DIODE	2	
D2008	MA147	DIODE	1	
D2100-03	MA147	DIODE	4	
D2150-53	MA147	DIODE	4	
D2200-03	MA147	DIODE	4	
D2300,01	MA147	DIODE	2	
D2450-52	LN1251CAL	DIODE	3	
D2453	MA142K	DIODE	1	
D2454-60	MA147	DIODE	7	
D2461-65	MAZ80470HL	DIODE	5	
D2467,68	MA147	DIODE	2	
D2550-56	MA704A	DIODE	7	
D2557	DE5SC4M-4061	DIODE	1	B0JDRE000001
D2558	MA704A	DIODE	1	
D2559,60	MA152WK	DIODE	2	
D2600	SFPB-76V	DIODE	1	
D2601	MA2J72800L	DIODE	1	
D2602	MA2Q73600L	DIODE	1	
D2650-61	MA2Q73800L	DIODE	12	
D2700	SFPB-76V	DIODE	1	
D2701	MA142K	DIODE	1	
D2702	MA142WK	DIODE	1	
D2703-08	SFPB-76V	DIODE	6	
D2709-14	MA142K	DIODE	6	
D2715	MA142WK	DIODE	1	
D2716	MA142K	DIODE	1	
D2800	SFPB-76V	DIODE	1	
D2801	MA142K	DIODE	1	
D2802	MA142WK	DIODE	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D2803-08	SFPB-76V	DIODE	6	
D2809-14	MA142K	DIODE	6	
D2815,16	MA147	DIODE	2	
FL2550-54	VLF0576	FILTER	5	J0HACH000011
FL2556	VLF0576	FILTER	1	J0HACH000011
IC1001	UPC24A12HF	IC	1	C0CAAKG00007
IC1002,03	LT1170CQ	IC	2	C0DBAZH00002
IC1004	C0DBAFH00006	IC	1	
IC1051	C0DBAFH00006	IC	1	
IC2000	C0JBAZ000608	IC	1	
IC2001	C0ABEB000017	IC	1	
IC2002	TC4052BF	IC	1	
IC2003	C0ABEB000017	IC	1	
IC2004	AD633JR	IC	1	C0ZBZ0000158
IC2005-07	C0ABEB000017	IC	3	
IC2100,01	UPC4741G2	IC	2	
IC2102	C0BBCA000021	IC	1	
IC2103	C0JBAZ000608	IC	1	
IC2150,51	UPC4741G2	IC	2	
IC2152	C0BBCA000021	IC	1	
IC2200,01	UPC4741G2	IC	2	
IC2250	C0ABBB000124	IC	1	
IC2251	C0BBBA000019	IC	1	
IC2252	C0ABBB000124	IC	1	
IC2253	C0JBAZ000608	IC	1	
IC2254	TC4538BF	IC	1	
IC2255	UPC4741G2	IC	1	
IC2301,02	T74LCX244F	IC	2	
IC2303	C0ABEB000017	IC	1	
IC2304	T74VHCU04F	IC	1	
IC2305-08	T74LCX244F	IC	4	
IC2401	T74LCX244F	IC	1	
IC2450	IDT71V321L5F	IC	1	C3HBCC000023
IC2451,52	SN74S1051NS	IC	2	
IC2453	LTC1660IGN	IC	1	C0FBBF000026
IC2454	TC4053BF	IC	1	C0JBAR000110
IC2455-57	UPC4741G2	IC	3	
IC2458	NJM4558M	IC	1	C0ABBB000044
IC2550,51	NJM78L09UA	IC	2	C0CBAHC00002
IC2552	C0DBZGH00001	IC	1	
IC2553	C0CBABD00005	IC	1	
IC2554,55	NJM79L09UA	IC	2	C0CABBF00001
IC2556	NJM79L05UA	IC	1	C0CBBDC00001
IC2557	AN78N05	IC	1	
IC2600	C0BBBA000019	IC	1	
IC2601	MN13821-S	IC	1	
IC2650,51	AN3890FBS	IC	2	
IC2700	AN3891FBP	IC	1	
IC2701,02	NJM4565MD	IC	2	C0ABBB000120
IC2703	C0BBBA000019	IC	1	
IC2800	AN3891FBP	IC	1	
IC2801,02	NJM4565MD	IC	2	C0ABBB000120
IC2803	TC4052BF	IC	1	
ID2302	VVVSI3735C	SOFTWARE	1	
ID2400	VVVSI3728A	SOFTWARE	1	
IP2300	MN1030F04K	IC	1	
IP2400,01	X9144L7T100	IC	2	
L1001	VLQ0441K2R2	COIL 2.2UH	1	
L1002,03	VLQ0655M3R3	COIL 3.3U	2	
L1004	VLQ0859M100	COIL 10U	1	
L1005	G1A151D00001	COIL 150	1	
L1006	VLQ0784470	COIL	1	
L1007	VLQ0441K2R2	COIL 2.2UH	1	
⚠ L1008	VRT0152300	THERMISTOR	1	
L1009	VLQ0655M3R3	COIL 3.3U	1	
L1051	VLQ0655M3R3	COIL 3.3U	1	
L1052	VLQ0859M100	COIL 10U	1	
L1053	VLQ0655M3R3	COIL 3.3U	1	
L2600	VLQ0859M680	COIL 68UH	1	
L2601,02	VLQ0859M151	COIL 150UH	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L2603	VLQ0651M120	COIL 12UH	1	
L2604	VLQ0859M151	COIL 150UH	1	
L2700,01	VLQ0859M151	COIL 150UH	2	
L2800,01	VLQ0859M151	COIL 150UH	2	
P1,P2	K1KAE8B00001	CONNECTOR (MALE)	2	
P3	K1KAA0B00036	CONNECTOR (MALE)	1	
P2302	VJS3791B020	CONNECTOR (FEMALE)	1	
P2400	K1KA08B00147	CONNECTOR (FEMALE)	1	
Q1001	HAT1026R	TRANSISTOR	1	
Q1002	XN1214	TRANSISTOR-RESISTOR	1	
Q1003,04	FDS6612A	TRANSISTOR	2	
Q1005	2SD602A-R	TRANSISTOR	1	
Q1006,07	2SB709A	TRANSISTOR	2	
Q1051	HAT1026R	TRANSISTOR	1	
Q1052	XN1214	TRANSISTOR-RESISTOR	1	
Q1053,54	FDS6612A	TRANSISTOR	2	
Q1055	2SD602A-R	TRANSISTOR	1	
Q1056	2SD1754APY	TRANSISTOR	1	
Q2000	2SD601A	TRANSISTOR	1	
Q2001,02	2SB709A	TRANSISTOR	2	
Q2003	2SD601A	TRANSISTOR	1	
Q2004	2SB709A	TRANSISTOR	1	
Q2005	2SD601A	TRANSISTOR	1	
Q2550-53	2SD601A	TRANSISTOR	4	
Q2600	2SB934PQDS	TRANSISTOR	1	
Q2601,02	2SD1819A0L	TRANSISTOR	2	
Q2603	2SB1073	TRANSISTOR	1	
Q2650	PU3110	TRANSISTOR	1	
Q2651	PU3210	TRANSISTOR	1	
Q2652	PU3110	TRANSISTOR	1	
Q2653	PU3210	TRANSISTOR	1	
Q2700	2SB934PQDS	TRANSISTOR	1	
Q2701	2SB710A-S	TRANSISTOR	1	
Q2702-04	2SD2185	TRANSISTOR	3	
Q2705	PU3210	TRANSISTOR	1	
Q2706	PU3117	TRANSISTOR	1	
Q2707	2SD2185	TRANSISTOR	1	
Q2708	2SD601A	TRANSISTOR	1	
Q2709	2SB710A-S	TRANSISTOR	1	
Q2800	2SB934PQDS	TRANSISTOR	1	
Q2801	2SB710A-S	TRANSISTOR	1	
Q2802-04	2SD2185	TRANSISTOR	3	
Q2805	PU3210	TRANSISTOR	1	
Q2806	PU3117	TRANSISTOR	1	
Q2807	2SD2185	TRANSISTOR	1	
QR2000	UNR521300L	TRANSISTOR	1	
QR2001	UNR511300L	TRANSISTOR	1	
QR2002	UN5215	TRANSISTOR-RESISTOR	1	
QR2003	UNR511500L	TRANSISTOR	1	
QR2004-07	UNR521300L	TRANSISTOR	4	
QR2100	UNR521300L	TRANSISTOR	1	
QR2101	UNR511300L	TRANSISTOR	1	
QR2102	UNR521300L	TRANSISTOR	1	
QR2103	UNR511300L	TRANSISTOR	1	
QR2104	UNR521300L	TRANSISTOR	1	
QR2150	UNR521300L	TRANSISTOR	1	
QR2151	UNR511300L	TRANSISTOR	1	
QR2152	UNR521300L	TRANSISTOR	1	
QR2153	UNR511300L	TRANSISTOR	1	
QR2154	UNR521300L	TRANSISTOR	1	
QR2200	UNR521300L	TRANSISTOR	1	
QR2201	UNR511300L	TRANSISTOR	1	
QR2202	UNR521300L	TRANSISTOR	1	
QR2203	UNR511300L	TRANSISTOR	1	
QR2204	UNR521300L	TRANSISTOR	1	
QR2450-52	UNR521300L	TRANSISTOR	3	
QR2453-56	UN5215	TRANSISTOR-RESISTOR	4	
QR2600	UNR521300L	TRANSISTOR	1	
QR2650	UNR521300L	TRANSISTOR	1	
QR2651	UN5217	TRANSISTOR-RESISTOR	1	
QR2652	UNR521100L	TRANSISTOR	1	
QR2701	UNR521300L	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR2800,01	UN5215	TRANSISTOR-RESISTOR	2	
R1001	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1	D0GD333JA003
R1003,04	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R1005,06	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	2	
R1007	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1008	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1009	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R1010	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1011,12	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R1013	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1014	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1015	VRE0202H15M	M.RESISTOR CH 100K	1	
R1016	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	D0GD221JA003
R1017,18	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R1019	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	D0GD332JA003
R1020,21	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R1022	ERJ6RBD753	M.RESISTOR CH 1/10W 75K	1	
R1023	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1051	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1	D0GD333JA003
R1053	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1054	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1055	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1056,57	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	2	
R1059	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R1060	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1061	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1062	VRE0202H15M	M.RESISTOR CH 100K	1	
R1063	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1064	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R1065	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R1066,67	ERJ6GEYG154	M.RESISTOR CH 1/10W 150K	2	
R1068	ERG1SJ151	C.RESISTOR 1W 150	1	
R1070	ERDS2TJ474	C.RESISTOR 1/4W 470K	1	
R2000-03	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R2004,05	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R2006	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2007	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2008,09	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R2010	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2011,12	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R2013,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R2015	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2016	ERJ6GEYG272	M.RESISTOR CH 1/10W 2.7K	1	
R2017	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R2018	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R2019	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	1	
R2020	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R2021	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R2022	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2023,24	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R2025	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R2027	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2028	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2029-33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R2034,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2037	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R2038	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R2039	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2040	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2042	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R2043	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R2044	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R2045	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2046	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R2047	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R2048	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R2049	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R2050	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2051	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R2052	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2053,54	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R2055	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2056	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2057	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R2058	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2059	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2060	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2062	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2063	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R2064	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
R2065	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2066	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2067,68	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2100,01	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R2102,03	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R2104,05	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	2	
R2106,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2108	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2109	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2110	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2111	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2112	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2113	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2114	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2115	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2116	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2117,18	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	2	
R2119,20	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2121	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2122	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2123	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2124	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2125	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2126	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2127	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2128	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2129	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2150,51	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R2152,53	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R2154,55	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	2	
R2156,57	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2158	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2159	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2160	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2161	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2162	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2163	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2164	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2165	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2166	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2167,68	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	2	
R2169,70	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2171	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2172	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2173	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2174	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2175	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2176	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2177	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2178	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2179	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2180-83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R2200,01	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R2202,03	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R2204,05	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	2	
R2206,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2208	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2209	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2210	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2211	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2212	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2213	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2214	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2215	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2216	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2217,18	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	2	
R2219,20	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2221	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2222	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2223	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2224	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R2225	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2226	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2227	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2228	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2229	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2250,51	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	2	
R2252	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2253	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
R2254	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R2255	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	1	
R2256	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R2257	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R2258,59	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R2260	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R2261	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R2263	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
R2265	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2266	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	1	
R2267	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R2268	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R2269	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R2270	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R2271-75	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	5	
R2276	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2278-82	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R2283,84	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R2300	ERJ3GEYJ120	M.RESISTOR CH 1/16W 12	1	
R2301	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2302,03	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R2305	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2306	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2307	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R2308	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2309	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R2310	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2311-13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R2314	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R2315	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R2317	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2318	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2319,20	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R2322-24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R2326-31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R2332-35	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R2336,37	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2338	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2339,40	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2342	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2343	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2344	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2345,46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2347	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2349	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2350	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2351	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2353-55	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R2359,60	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R2361-64	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R2365	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2366	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2367	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2368	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2369,70	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2373-75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R2377-79	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R2380-82	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R2402	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2403-05	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R2406	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2408	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R2409-14	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	6	
R2415	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2416,17	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R2418	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2419-21	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R2422	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2423	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2425	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2427	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2429-32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R2434,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2450-54	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R2455	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2456,57	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R2458	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2459-61	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	3	
R2462	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R2464,65	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R2466	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2467	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R2468	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R2469	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2470,71	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2472-77	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	6	
R2478-80	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R2481	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2482	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R2483	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R2484	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2485	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R2486	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R2487	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2488	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R2489	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R2490	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2491	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R2492	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R2493	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2494	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2495	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R2496	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R2497	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2498,99	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R2500	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2501	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2502	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2503,04	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	2	
R2505	ERJ6RBD104	M.RESISTOR CH 1/10W 100K	1	
R2506	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R2507	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2508	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2509	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R2510,11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2512,13	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R2514,15	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2516	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2517	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R2518,19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2520,21	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R2522,23	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2525	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2550	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2551,52	ERJ6RBD391	M.RESISTOR CH 1/10W 390	2	
R2553	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2554-57	ERJ6RBD391	M.RESISTOR CH 1/10W 390	4	
R2558,59	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R2560	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2563	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2600	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2601	ERJ12YJ471	M.RESISTOR CH 1/2W 470	1	
R2602	ERJ12YJ2R2	M.RESISTOR CH 1/2W 2.2	1	
R2603	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R2604	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R2605,06	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2607	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R2608	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2609	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2610	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R2611	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2612	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2613,14	ERJ12YJ222	M.RESISTOR CH 1/2W 2.2K	2	
R2615	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2616	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	1	
R2617	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	1	
R2618,19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2650,51	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R2652	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R2653	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R2654	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2655,56	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R2657-59	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R2660,61	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R2662	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R2663	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R2664	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2665	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R2666-68	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R2669,70	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2700	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2701	ERJ12YJ471	M.RESISTOR CH 1/2W 470	1	
R2702	ERJ12YJ2R2	M.RESISTOR CH 1/2W 2.2	1	
R2703	ERJ6GEYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2704	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R2705	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2706	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2707-09	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	3	
R2710-12	ERJ14YJ680	M.RESISTOR CH 1/4W 68	3	
R2713	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2714	ERJ12RQJR22	M.RESISTOR CH 1/2W 0.22	1	
R2715-17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R2718	ERG2SJ122	M.RESISTOR 2W 1.2K	1	
R2719	ERJ12YJ560	M.RESISTOR CH 1/2W 56	1	
R2720	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R2721-24	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	4	
R2725	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2726	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R2727	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2728	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	1	D0GD121JA003
R2729	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R2730	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R2731	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R2732	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2733	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2734	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R2735	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R2736	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R2737	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2738	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R2739	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R2740	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R2741,42	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R2743	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R2744	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2745	ERJ12YJ121	M.RESISTOR CH 1/2W 120	1	
R2746	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2747,48	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R2749	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R2750	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R2751	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2752	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2753	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2754	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2755	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R2756	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2757	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2759	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R2760	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2761	ERJ3GEYJ752	M.RESISTOR CH 1/16W 7.5K	1	
R2800	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2801	ERJ12YJ471	M.RESISTOR CH 1/2W 470	1	
R2802	ERJ12YJ2R2	M.RESISTOR CH 1/2W 2.2	1	
R2803	ERJ6GEYG752	M.RESISTOR CH 1/10W 7.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2804	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R2805	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2806	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2807-09	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	3	
R2810-12	ERJ14YJ680	M.RESISTOR CH 1/4W 68	3	
R2813	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2814	ERJ12RQJR22	M.RESISTOR CH 1/2W 0.22	1	
R2815-17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R2818	ERG2SJ122	M.RESISTOR 2W 1.2K	1	
R2819	ERJ12YJ560	M.RESISTOR CH 1/2W 56	1	
R2820	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R2821-24	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	4	
R2825	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2826	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R2827	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2828	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	1	D0GD121JA003
R2829	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R2830	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R2831	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R2832	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2833	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2834	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R2835	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R2836	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R2837	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2838	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R2839	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R2840	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R2841,42	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R2843	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R2844	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2845	ERJ12YJ121	M.RESISTOR CH 1/2W 120	1	
R2846	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2847	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R2848	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2849	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2850	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2851	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2852	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2853	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R2857	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2858	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R2859	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
RY2550	VSY2070	RELAY	1	
TG1001	VJR0646	TEST POINT	1	D0X0R0000022
TG1051	VJR0646	TEST POINT	1	D0X0R0000022
TG2001-03	VJR0646	TEST POINT	3	D0X0R0000022
TG2004-07	EYF6CU	TEST POINT	4	
TH1001	VRT0152090	THERMISTOR	1	D4ZZ00000011
TH1002	VRT0152135	THERMISTOR	1	D4DZBR130001
TH1003	VRT0152090	THERMISTOR	1	D4ZZ00000011
TP1001	VJR0646	TEST POINT	1	D0X0R0000022
TP1002	EYF6CU	TEST POINT	1	
TP1003,04	VJR0646	TEST POINT	2	D0X0R0000022
TP1051	VJR0646	TEST POINT	1	D0X0R0000022
TP2001	VJR0646	TEST POINT	1	D0X0R0000022
TP2030-35	VJR0646	TEST POINT	6	D0X0R0000022
TP2060	EYF6CU	TEST POINT	1	
TP2080-83	VJR0646	TEST POINT	4	D0X0R0000022
TP2120-23	VJR0646	TEST POINT	4	D0X0R0000022
TP2160-63	VJR0646	TEST POINT	4	D0X0R0000022
TP2201,02	VJR0646	TEST POINT	2	D0X0R0000022
TP2230,31	VJR0646	TEST POINT	2	D0X0R0000022
TP2232	EYF6CU	TEST POINT	1	
TP2280-82	VJR0646	TEST POINT	3	D0X0R0000022
TP2300,01	VJR0646	TEST POINT	2	D0X0R0000022
TP2302	EYF6CU	TEST POINT	1	
TP2400,01	VJR0646	TEST POINT	2	D0X0R0000022
TP2450-52	VJR0646	TEST POINT	3	D0X0R0000022
TP2601-06	EYF6CU	TEST POINT	6	
TP2701,02	EYF6CU	TEST POINT	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TP2722-25	VJR0646	TEST POINT	4	D0X0R0000022
TP2726,27	EYF6CU	TEST POINT	2	
TP2729	VJR0646	TEST POINT	1	D0X0R0000022
TP2731	EYF6CU	TEST POINT	1	
TP2732	VJR0646	TEST POINT	1	D0X0R0000022
TP2734	VJR0646	TEST POINT	1	D0X0R0000022
TP2741	EYF6CU	TEST POINT	1	
X2300	VSX0918	CRYSTAL OSCILLATOR	1	H0J250500005
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E12	VEP83467C	H1 CMPST OUT P.C.BOARD	1	(RTL)
C1,C2	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3,C4	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C5-C8	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	4	
C9,10	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C11	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C12	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C13,14	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C15-22	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	8	
C23	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C24,25	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C26,27	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C28,29	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C30	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C100-04	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	5	
C105	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C106-12	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	7	
C114	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C116	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C200-13	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	14	
C300-05	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	6	
C306-09	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	4	
C310	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C311-14	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	4	
C400-03	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	4	
C404,05	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C406-13	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	8	
C414,15	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C416,17	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C418,19	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C420	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C421	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C422,23	EEVHP0J470	E.CAPACITOR 6.3V 47U	2	
C424-28	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	5	
C429	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C430	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C431,32	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	2	
C433,34	ECUX1H070DCV	C.CAPACITOR CH 50V 7P	2	
C435	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C436	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C437	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C438	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C439	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C440	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C442,43	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C444	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C445	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C446	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C447,48	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C449,50	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C451,52	EEVHB1A330	E.CAPACITOR 10V 33U	2	
C453-55	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	3	
C500-06	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	7	
C600	VCEA1CAP330	C.CAPACITOR 16V 33U	1	F2D1C3300002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C610	ECCF1H270JC	C.CAPACITOR 50V 27P	1	
D400,01	MA3062M	DIODE	2	
IC1	TVHC244FT	IC	1	
IC2	DS90LV048A	IC	1	C0ZBZ0000280
IC3	LT1129CS8	IC	1	
IC4	LT1175CS8	IC	1	
IC15	TLCX245FT	IC	1	
IC100	SN74S1053NS	IC	1	
IC101	SN74S1051NS	IC	1	
IC106	TLCX245FT	IC	1	
IC107	IDTLVC16245F	IC	1	
IC109	TLCX245FT	IC	1	
IC111	IDTLVC574APG	IC	1	C0JBAF000397
IC114	IDTLVC574APG	IC	1	C0JBAF000397
IC116	IDTLVC574APG	IC	1	C0JBAF000397
IC117	X9288L10T144	IC	1	
IC200	MN47V78SP	IC	1	
IC201	UPD65042F024	IC	1	
IC202,03	C1ZBZ0000700	IC	2	
IC204	UPD65013F101	IC	1	C1ZBZ0001326
IC205	C1ZBZ0000700	IC	1	
IC206	X9288L10T144	IC	1	
IC300	IDTLVC574APG	IC	1	C0JBAF000397
IC302	TLCX245FT	IC	1	
IC303,04	M66282F	IC	2	
IC306	X9144L7T144	IC	1	
IC400,01	ADV7171KS	IC	2	C0ZBZ0000175
IC402	NE521D	IC	1	C0BBBB000013
IC403	AD8184AR	IC	1	
IC404	VLF1482	FILTER	1	J0E7004A0006
IC405	GT4123B	IC	1	
IC406	C0JBAA000014	IC	1	
IC407	AD8055AR	IC	1	C0ABGB000013
IC408	AD8056AR	IC	1	C0ABBB000156
IC500	IDTLVC16245F	IC	1	
IC502	TLCX245FT	IC	1	
IC503,04	C0JBAZ000803	IC	2	
IC505,06	TLCX245FT	IC	2	
ID2	VVVSI3823	SOFTWARE	1	
L1-L5	VLF1151A132	COIL	5	
L400,01	VLQ0319K100	COIL 10UH	2	G1C100K00023
L402,03	VLQ0163J180	COIL 18UH	2	G1C180J00001
L404-06	VLQ0319K100	COIL 10UH	3	G1C100K00023
L407-09	VLQ0163J2R7	COIL 2.7UH	3	G1C2R7J00002
L410,11	VLQ0319K100	COIL 10UH	2	G1C100K00023
P1	K1KAE8B00001	CONNECTOR (MALE)	1	
P2	K1KA08B00147	CONNECTOR (FEMALE)	1	
P500	VJP4064K100C	CONNECTOR (MALE)	1	K1KAA0A00020
Q400	2SB709	TRANSISTOR	1	
Q401	XN4501	TRANSISTOR-RESISTOR	1	
Q402,03	2SB709	TRANSISTOR	2	
Q404,05	XN4501	TRANSISTOR-RESISTOR	2	
R1-R9	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
R10	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R11,12	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R13	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R15,16	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R17	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R18	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R20	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R21	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R22-29	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R100	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R101	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R102	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R103	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R104	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R105,06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R107,08	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R109-11	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R112	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R113-32	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	20	
R200	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R201	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R204	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R207-09	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R210	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R211	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R213	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R214,15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R217	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R218	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R221	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R222	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R223-25	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R300-02	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R305	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R307	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R309	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R310	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R311	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R312-17	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R318	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R319-28	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	10	
R400	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R401,02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R403	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R404	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R405	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R406-10	ERJ3RED750	M.RESISTOR CH 1/16W 75	5	
R411	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R412,13	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	2	
R415	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R416-19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R420	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R422,23	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R424,25	ERJ3RBD821	M.RESISTOR CH 1/16W 820	2	
R426	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R427	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R428	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R429	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R430	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R431	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R432	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R433	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R434	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R435	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R436	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R437	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R438	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R439	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R440	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R441	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R442	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R443,44	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R445	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R446	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R447	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R448	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R449	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R450	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R451	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R452,53	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R454	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R455	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R456,57	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R459,60	ERJ3RED470	M.RESISTOR CH 1/16W 47	2	
R461-66	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R500	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R501	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R502	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R503	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R504	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R505	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R506	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R507	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R508-52	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	45	
R553	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R554	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R555	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R556	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R557	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R558	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
TG1-P7	EYF6CU	TEST POINT	7	
VC400	ECV1ZW20X53T	TRIMMER	1	
VR400	VRV0161B201	V.RESISTOR 200	1	
VR401	VRV0161B101	V.RESISTOR 100	1	
VR402,03	VRV0161B102	V.RESISTOR 1K	2	
VR404	EVM7JGA00B23	V.RESISTOR 2K	1	
VR405	VRV0161B102	V.RESISTOR 1K	1	
VR406,07	VRV0161B101	V.RESISTOR 100	2	
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E13	VEP84347C	H3 CUE P.C.BOARD	1	(RTL)
C4001	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4003	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	1	
C4004	ECUM1H822KBN	C.CAPACITOR CH 50V 8200P	1	
C4005,06	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	2	
C4007	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C4008	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4009	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4010	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4011	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4012	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4013	ECST1VY104	T.CAPACITOR CH 35V 0.1U	1	
C4014,15	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C4016	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4017	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4018	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4019	ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C4020	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4021	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4022	ECUM1C394KBM	C.CAPACITOR CH 16V 0.39U	1	
C4023	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4024,25	ECUM1C394KBM	C.CAPACITOR CH 16V 0.39U	2	
C4026-28	ECHU1C104J	P.CAPACITOR 16V 0.1U	3	
C4029	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C4030	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4031	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4032,33	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4034	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4035	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4036	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4037	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	1	
C4038	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4039,40	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4041	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4042	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	1	
C4043	ECUM1H822KBN	C.CAPACITOR CH 50V 8200P	1	
C4044	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4045	ECUM1H182KBN	C.CAPACITOR CH 50V 1800P	1	
C4046	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4047	ECUM1C224KBM	C.CAPACITOR CH 16V 0.22U	1	
C4048	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4049	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4050	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C4051	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C4052	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4053	ECUM1H822KBN	C.CAPACITOR CH 50V 8200P	1	
C4054	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4055	ECUM1H182KBN	C.CAPACITOR CH 50V 1800P	1	
C4056	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4060	VCC0226680	C.CAPACITOR	1	
C4061	ECUM1C394KBM	C.CAPACITOR CH 16V 0.39U	1	
C4062	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4101,02	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4103,04	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	2	
C4105-07	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	3	
C4108	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4109	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4110	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4111,12	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4113,14	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	2	F1J1H151A025
C4115,16	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4117	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	F1J1H151A025
C4118	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4119	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4120,21	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4122	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4123-25	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C4126	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4127,28	EEVHB0J220	E.CAPACITOR 6.3V 22U	2	
C4129	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4130	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4134,35	ECEA1HGE330	E.CAPACITOR 50V 33U	2	
C4136,37	ECUM1H030CCN	C.CAPACITOR CH 50V 3P	2	
C4138	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	1	
C4139	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4140,41	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4142	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4143-46	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	4	F1J1E104A082
C4147,48	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4201,02	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	F1J1E104A082
C4203	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4204,05	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C4206	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4207	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4208	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4209,10	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C4211	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4212	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4213	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4214	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4215	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4216,17	ECEA1CGE101	E.CAPACITOR 16V 100U	2	
C4218	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4219	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4220	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4221	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4222	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4223-25	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C4226	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4227,28	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	2	
C4229,30	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	2	
C4231	ECUM1H331KBN	C.CAPACITOR CH 50V 330P	1	
C4232	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4233	ECHU1H223JB	P.CAPACITOR 50V 0.022U	1	
C4234	EEVHB1E4R7	E.CAPACITOR 25V 4.7U	1	
C4235	VCK0106K221	C.CAPACITOR 220P	1	
C4236	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	1	
C4237	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4238	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	1	
C4239	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4240	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4241	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4242	VCF2GAB682J	C.CAPACITOR 400V 6800P	1	F0A2G6820001
C4243	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4244	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4245	VCF2GAB682J	C.CAPACITOR 400V 6800P	1	F0A2G6820001
C4246,47	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	2	
C4301	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4302	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4303-14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C4401	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4402	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4403	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4404-06	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C4407	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4408	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4409	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4410-13	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	4	F1J1E104A082
C4414	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4415	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C4416	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4417	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4418	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4419	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C4501-03	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C4504,05	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C4601	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4602	ECJ2VB1H152K	C.CAPACITOR CH 50V 1500P	1	
C4603	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4605	ECUM1H822KBN	C.CAPACITOR CH 50V 8200P	1	
C4606	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4607	ECUM1H182KBN	C.CAPACITOR CH 50V 1800P	1	
C4608	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4609	ECUM1C224KBM	C.CAPACITOR CH 16V 0.22U	1	
C4610	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4612	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4701	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	1	
C4702	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C4703	ECJ2VB1H562K	C.CAPACITOR CH 50V 5600P	1	
C4704	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4705	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
D4101	MA152A	DIODE	1	
D4102-04	MA3X15700L	DIODE	3	
D4111	MA3X71600L	DIODE	1	
D4201,02	MA3X15700L	DIODE	2	
D4203-05	MA152A	DIODE	3	
D4301	MA3X15700L	DIODE	1	
FL4001	EIR7QF012B	TRANSFORMER	1	
FL4002	VLF1069	FILTER	1	G4ZZ00000278
FL4201,02	VLF0941C223	FILTER	2	
IC4001	C0ABBB000124	IC	1	
IC4002	MC14053BF	IC	1	C0JBAR000023
IC4003	C1BB00000311	IC	1	
IC4004,05	C0ABBB000124	IC	2	
IC4006	C0JBAR000242	IC	1	
IC4008	C0ABBB000124	IC	1	
IC4009	AN78N09	IC	1	
IC4010	AN79N09	IC	1	
IC4011,12	C0ABBB000124	IC	2	
IC4013	MC14053BF	IC	1	C0JBAR000023
IC4014	C0ABBB000124	IC	1	
IC4015	C0JBAZ001348	IC	1	
IC4016	C0ABBB000124	IC	1	
IC4101,02	AD7945BR	IC	2	
IC4103-05	C0ABBB000124	IC	3	
IC4106	MC14053BF	IC	1	C0JBAR000023
IC4107	C0ABBB000124	IC	1	
IC4108	C0CBABC00049	IC	1	
IC4109	AK4503VF	IC	1	
IC4110	TVHT244FT	IC	1	
IC4111	TVHC244FT	IC	1	
IC4112	C0ABBB000124	IC	1	
IC4113	C0JBAR000242	IC	1	
IC4114	C0ABBB000124	IC	1	
IC4115	C0DBZGH00001	IC	1	
IC4116	NJM79L05UA	IC	1	C0CBBDC00001

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4117	MC14053BF	IC	1	C0JBAR000023
IC4118	C0JBAR000111	IC	1	
IC4201	C0JBAR000242	IC	1	
IC4202	C0ABBB000124	IC	1	
IC4203	NJM2043MD	IC	1	C0ABBB000029
IC4204,05	AQV212SX	IC	2	K6G1AKB00012
IC4206	AN78N09	IC	1	
IC4207	C0JBAZ001348	IC	1	
IC4301	T163G26-1019	IC	1	C1ZBZ0001458
IC4302	SN74S1053NS	IC	1	
IC4303,04	LVX3245QSC	IC	2	
IC4305	TC7S32FU	IC	1	
IC4401	C0JBAR000111	IC	1	
IC4402	MC74HC74AF	IC	1	C0JBAF000045
IC4403	MC74HC541AF	IC	1	C0JBAZ000158
IC4404	MB621926	IC	1	
IC4405	C3ABKC000024	IC	1	
IC4406	C0DBZGH00001	IC	1	
IC4407	AK4320VM	IC	1	C0FBBJ000006
IC4408	C0JBAR000111	IC	1	
IC4501	MB621926	IC	1	
IC4502,03	MC74HC164AF	IC	2	
IC4504	TC7SU04F	IC	1	C0JBAZ000519
IC4505	TC7W74F	IC	1	
IC4506	C0JBAR000111	IC	1	
IC4507	C3ABKC000024	IC	1	
IC4601,02	C0ABBB000124	IC	2	
IC4603,04	C0JBAR000111	IC	2	
L4001	VLQ0423J472	COIL 4700UH	1	
L4301	VLF1151A132	COIL	1	
P4001	K1KAE8B00001	CONNECTOR (MALE)	1	
P4002	K1KA03A00017	CONNECTOR (MALE)	1	
P4003	VJP1233T	CONNECTOR (MALE) 6P	1	
Q4001,02	2SD1149-R	TRANSISTOR	2	
Q4003	2SB792-R	TRANSISTOR	1	
Q4004,05	2SD0602ARL	TRANSISTOR	2	
Q4006	2SB710A-R	TRANSISTOR	1	
Q4101-03	2SD1328	TRANSISTOR	3	
Q4201	2SD1994A-R	TRANSISTOR	1	
Q4202	2SB1322A-R	TRANSISTOR	1	
Q4203	2SD1994A-R	TRANSISTOR	1	
Q4204	2SB1322A-R	TRANSISTOR	1	
Q4205	2SD0602ARL	TRANSISTOR	1	
Q4206,07	2SB710A-R	TRANSISTOR	2	
Q4208	2SD0602ARL	TRANSISTOR	1	
Q4209	2SB710A-R	TRANSISTOR	1	
Q4210-12	2SD0602ARL	TRANSISTOR	3	
Q4213	2SB710A-R	TRANSISTOR	1	
Q4214	2SD0602ARL	TRANSISTOR	1	
Q4215	2SB710A-R	TRANSISTOR	1	
Q4216-19	2SD0602ARL	TRANSISTOR	4	
Q4220	2SB710A-R	TRANSISTOR	1	
Q4221,22	2SD0602ARL	TRANSISTOR	2	
QR4001,02	UNR221300L	TRANSISTOR	2	
QR4201	UNR221300L	TRANSISTOR	1	
R4001	ERJ6GEYF822	M.RESISTOR CH 1/10W 8.2K	1	
R4002	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4003,04	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	D0GD472JA003
R4005	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	D0GD221JA003
R4006	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4007	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4008	ERJ6GEYG821	M.RESISTOR CH 1/10W 820	1	
R4009	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R4010	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
R4011	ERJ6GEYF822	M.RESISTOR CH 1/10W 8.2K	1	
R4012	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R4013	ERJ6RBD183	M.RESISTOR CH 1/10W 18K	1	
R4014,15	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4016	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4017	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4018	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R4019	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4020	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4021	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4022	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4023,24	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	D0GD472JA003
R4025	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4026	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R4027	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4028	ERJ6GEYF124	M.RESISTOR CH 1/10W 120K	1	
R4029	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R4030	ERJ6GEYF393	M.RESISTOR CH 1/10W 39K	1	
R4031	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1	D0GD333JA003
R4032	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4033,34	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
R4035	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	1	
R4036	ERJ6RBD392	M.RESISTOR CH 1/10W 3.9K	1	
R4037	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4038	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R4039,40	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
R4041	ERJ6RBD823	M.RESISTOR CH 1/10W 82K	1	
R4044	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R4045	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4046	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4047,48	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4049	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4052	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
R4053	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4054	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	D0GD332JA003
R4055	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R4056	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4057	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R4058,59	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	2	
R4060,61	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R4064,65	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4066	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4068	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4069	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4071	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4073	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4075	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4076	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4077	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R4078	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R4079	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4081	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4082	ERJ6GEYF393	M.RESISTOR CH 1/10W 39K	1	
R4083	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4085	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4086,87	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R4088,89	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4090	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4091,92	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	2	
R4094	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4096	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4097	ERJ6GEYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4098-00	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	D0YDR0000005
R4101	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4102	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4103	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4104	ERJ6RED124	M.RESISTOR CH 1/10W 120K	1	
R4105	ERJ6RBD273	M.RESISTOR CH 1/10W 27K	1	
R4106	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
R4107	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4108	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	1	
R4109	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R4110	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4111	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R4112	ERJ6RBD912	M.RESISTOR CH 1/10W 9.1K	1	
R4113	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4114	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4115	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R4116	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4117	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4118	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4119	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4121	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4122-29	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	8	
R4131,32	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	2	
R4134	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4135	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4136	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	1	
R4137,38	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4139,40	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	D0GD472JA003
R4142	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4143	ERJ12YJ621	M.RESISTOR CH 1/2W 620	1	
R4144	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R4145	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4146,47	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R4148	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4149	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4150	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4151	ERJ6RHD2101	M.RESISTOR CH 1/10W 2.1K	1	
R4152	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
R4153	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4154	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4155	ERJ6RHD2101	M.RESISTOR CH 1/10W 2.1K	1	
R4156	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
R4157,58	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
R4159	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4160,61	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
R4162	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R4163	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	1	
R4164	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4165	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4166	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4169	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4170	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4171	ERJ6RBD151	M.RESISTOR CH 1/10W 150	1	
R4172	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	1	
R4173	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R4174	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4175	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4176	ERJ6RBD561	M.RESISTOR CH 1/10W 560	1	
R4177	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4178	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4179	ERJ6RBD561	M.RESISTOR CH 1/10W 560	1	
R4182	ERJ6RBD181	M.RESISTOR CH 1/10W 180	1	
R4183	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4184	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4185	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4186	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4201	ERJ6RBD301	M.RESISTOR CH 1/10W 300	1	
R4202	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4203	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4204	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4205	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4206	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4207	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4208	ERJ6RBD563	M.RESISTOR CH 1/10W 56K	1	
R4209	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4210	ERJ6RBD271	M.RESISTOR CH 1/10W 270	1	
R4211	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4212	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4213	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4214,15	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4216	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4217	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4218,19	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
R4220	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	D0GD105JA003
R4221	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4222	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4223,24	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4225	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4226,27	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4228-31	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4232,33	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4234	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4235,36	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4237	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4238,39	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4240,41	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4242	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4243	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4244	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	D0GD332JA003
R4245,46	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R4247	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4248	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4249,50	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R4251	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4252	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1	D0GD333JA003
R4253	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4254	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R4255	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R4256,57	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	D0GD222JA003
R4258	ERJ6GEYG220	M.RESISTOR CH 1/10W 22	1	D0GD220JA003
R4259	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4260	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	D0GD332JA003
R4261	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4262	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4263	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	D0GD332JA003
R4264	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4265,66	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R4267,68	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	2	
R4269	ERJ6GEYG180	M.RESISTOR CH 1/10W 18	1	
R4270,71	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4272	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R4273	ERJ6GEYJ1R0	M.RESISTOR CH 1/10W 1	1	
R4274,75	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	2	
R4276	ERJ6GEYG180	M.RESISTOR CH 1/10W 18	1	
R4277	ERJ6GEYJ1R0	M.RESISTOR CH 1/10W 1	1	
R4278	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R4279,80	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4281	ERJ6RBD512	M.RESISTOR CH 1/10W 5.1K	1	
R4282	ERJ6RBD301	M.RESISTOR CH 1/10W 300	1	
R4283	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R4284	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R4285	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4287	ERJ6RBD683	M.RESISTOR CH 1/10W 68K	1	
R4290	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4291	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4301-08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	8	
R4401	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4402	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4403-06	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	4	
R4407	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4408	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4409	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R4410	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4411-13	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	D0YDR0000005
R4414,15	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4417-20	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	4	D0YDR0000005
R4421	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4423	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4425	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4427	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4430	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4502-05	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	4	
R4506-11	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	6	D0YDR0000005
R4513,14	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4517	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4519	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4602	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4603,04	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4607	ERJ6GEYF393	M.RESISTOR CH 1/10W 39K	1	
R4608	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4609	ERJ6GEYF393	M.RESISTOR CH 1/10W 39K	1	
R4610	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4611,12	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R4613,14	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	2	
R4615	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4616	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4617-19	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	3	
R4621	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4623	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4624	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4629	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4632	ERJ6GEYF393	M.RESISTOR CH 1/10W 39K	1	
R4633-35	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	3	
R4636	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4639	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4641	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4642	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4701	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4704	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	D0GD332JA003
R4705,06	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R4707	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4708	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4709	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R4710	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	1	
R4711	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R4712	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
SW4001	VSS0367-04B	SWITCH	1	
SW4002	VSS0342	SWITCH	1	K0D112B00056
SW4101	VSS0126	SWITCH	1	
SW4201	VSS0367-02B	SWITCH	1	
T4201	VLT0866	TRANSFORMER	1	G4ZZ00000360
T4202	VLT0929	TRANSFORMER	1	G4ZZ00000379
T4203,04	VLT0867	TRANSFORMER	2	G4ZZ00000361
T4205	VLT0928	TRANSFORMER	1	G4ZZ00000378
TG4101	VJR0646	TEST POINT	1	D0X0R0000022
TG4201	VJR0646	TEST POINT	1	D0X0R0000022
TP4001-03	VJR0646	TEST POINT	3	D0X0R0000022
TP4101-03	VJR0646	TEST POINT	3	D0X0R0000022
TP4201-03	VJR0646	TEST POINT	3	D0X0R0000022
VR4001	EVMEGSA00B14	V.RESISTOR 10K	1	
VR4002	EVMEGSA00B54	V.RESISTOR 50K	1	
VR4003,04	EVMEGSA00B53	V.RESISTOR 5K	2	
VR4005	EVMEGSA00B24	V.RESISTOR 20K	1	
VR4006,07	EVMEGSA00B14	V.RESISTOR 10K	2	
VR4202	EVMEGSA00B15	V.RESISTOR 100K	1	
VR4601	EVMEGSA00B53	V.RESISTOR 5K	1	
VR4602	EVMEGSA00B14	V.RESISTOR 10K	1	
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E14	VEP85204A	H4 RF EQ P.C.BOARD	1	(RTL)
C1-C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C51-56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C101-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C106-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C113	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C114	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C115	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C116	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C117	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C118	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C119	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C120-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C126	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C127	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C128	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C129	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C130	ECJ1VC1H181J	C.CAPACITOR CH 50V 180P	1	
C131	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C134	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C136-38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C141	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C161-63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C166-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C173	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C174	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C175	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C176	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C177	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C178	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C179	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C181-87	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C201-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C206-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C213	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C214	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C215	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C216	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C217	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C218	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C219	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C221-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C301-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C306-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C313	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C314	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C315	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C316	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C317	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C318	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C319	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C321-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C351-53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C356-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C363	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C364	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C365	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C366	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C367	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C368	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C369	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C371-74	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C401	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	1	
C402	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C403-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C408-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C411	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C436	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C472-75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C501	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C502	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C503-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C519	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C520-28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C530-32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C533	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C534,35	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C539,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C542	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C543	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C601	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C602	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C603-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C619	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C620-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C628	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C630,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C639,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C642	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C643	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C701	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C702	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C703-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C719	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C720-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C728	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C730,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C734,35	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C736-40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C742	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C743	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C901	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C902	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C903-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C919	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C920-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C928	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C930,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C939,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C942	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C943	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C1001	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1002	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C1003-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C1019	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C1020-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C1028	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1030,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1039,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1042	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1043	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C1201-04	EEVHB1C470P	E.CAPACITOR 16V 47U	4	
C1206-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C1211,12	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C1213	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C1214,15	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C1217-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1223,24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1225	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C1226	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1228,29	EEFCD0J330R	E.CAPACITOR 6.3V 33U	2	
C1230	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1231	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
D501,02	MA28W-B	DIODE	2	
IC1,C2	TVHC244FT	IC	2	
IC3	TVHC86FT	IC	1	
IC4	TC74VHC32F	IC	1	C0JBAE000081
IC5	TVHC244FT	IC	1	
IC6,C7	TC4S66F	IC	2	C0JBAS000053
IC8	C0JBAB000196	IC	1	
IC51	DS90LV048A	IC	1	C0ZBZ0000280
IC52	C0JBAF000224	IC	1	
IC53	MC10H124M	IC	1	C0JBZZ000020
IC54	C0JBAZ000851	IC	1	
IC55	TLCX04F	IC	1	
IC101	C0JBAS000075	IC	1	
IC102	TVHT244FT	IC	1	
IC103	UPC1663G	IC	1	C1CB00000329
IC401	UPC1663G	IC	1	C1CB00000329
IC404,05	C0JBAS000075	IC	2	
IC501	MN673798	IC	1	
IC502	DS90LV047A	IC	1	C0ZBZ0000279
IC503	C0JBAZ000852	VHC	1	
IC504	C0JBAF000315	IC	1	
IC505	C0JBAZ000852	VHC	1	
IC506	C0ABBB000158	IC	1	
IC507	C0ABEB000023	IC	1	
IC601	MN673798	IC	1	
IC606	C0ABBB000158	IC	1	
IC701	MN673798	IC	1	
IC702	DS90LV047A	IC	1	C0ZBZ0000279
IC704	C0ABFB000012	IC	1	
IC705	C0JBAS000075	IC	1	
IC706	C0ABBB000158	IC	1	
IC901	MN673798	IC	1	
IC902	DS90LV047A	IC	1	C0ZBZ0000279
IC906	C0ABBB000158	IC	1	
IC1001	MN673798	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC1006	C0ABBB000158	IC	1	
IC1201	LT1175CS8	IC	1	
IC1202,03	LT1086CM	IC	2	C0CBAYG00001
IC1204	LT1129CS8	IC	1	
L101	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L102	VLQ0163JR68	COIL 0.68UH	1	G1CR68J00004
L103	G1C8R2J00002	COIL 8.2UH	1	
L104	VLQ0163J2R2	COIL 2.2UH	1	G1C2R2J00009
L105	VLQ0163J180	COIL 18UH	1	G1C180J00001
L106	VLQ0771R15K	COIL 0.15UH	1	
L107	VLQ0163J1R5	COIL 1.5UH	1	
L108	VLQ077168NM	COIL	1	
L161	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L162	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L201	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L202	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L301	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L302	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L351	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L352	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L401	VLQ0163J5R6	COIL 5.6UH	1	
L1201-04	VLP0183	COIL	4	J0JKC0000007
P1	K1KAE8B00001	CONNECTOR (MALE)	1	
Q1	XP0431200L	TRANSISTOR	1	
Q101	XN6537	TRANSISTOR-RESISTOR	1	
Q102,03	2SC3930	TRANSISTOR	2	
Q104,05	XP0553100L	TRANSISTOR-RESISTOR	2	
Q106,07	2SD1979	TRANSISTOR	2	
Q108	2SC3930	TRANSISTOR	1	
Q109	XP0553100L	TRANSISTOR-RESISTOR	1	
Q111	XP0431200L	TRANSISTOR	1	
Q112-15	2SD1979	TRANSISTOR	4	
Q161	XN6537	TRANSISTOR-RESISTOR	1	
Q162,63	2SC3930	TRANSISTOR	2	
Q164	XP0553100L	TRANSISTOR-RESISTOR	1	
Q165	2SC3930	TRANSISTOR	1	
Q166,67	2SD1979	TRANSISTOR	2	
Q168	2SC3930	TRANSISTOR	1	
Q201	XN6537	TRANSISTOR-RESISTOR	1	
Q202,03	2SC3930	TRANSISTOR	2	
Q204	XP0553100L	TRANSISTOR-RESISTOR	1	
Q205	2SC3930	TRANSISTOR	1	
Q206,07	2SD1979	TRANSISTOR	2	
Q208	2SC3930	TRANSISTOR	1	
Q252,53	2SC3930	TRANSISTOR	2	
Q301	XN6537	TRANSISTOR-RESISTOR	1	
Q302,03	2SC3930	TRANSISTOR	2	
Q304	XP0553100L	TRANSISTOR-RESISTOR	1	
Q305	2SC3930	TRANSISTOR	1	
Q306,07	2SD1979	TRANSISTOR	2	
Q308	2SC3930	TRANSISTOR	1	
Q351	XN6537	TRANSISTOR-RESISTOR	1	
Q352,53	2SC3930	TRANSISTOR	2	
Q354	XP0553100L	TRANSISTOR-RESISTOR	1	
Q355	2SC3930	TRANSISTOR	1	
Q356,57	2SD1979	TRANSISTOR	2	
Q358	2SC3930	TRANSISTOR	1	
Q401	2SC3930	TRANSISTOR	1	
Q402	2SA153200L	TRANSISTOR	1	
Q403	2SD1979	TRANSISTOR	1	
Q502	XP0450100L	TRANSISTOR	1	
Q505	2SD601A	TRANSISTOR	1	
Q506	2SB709A	TRANSISTOR	1	
Q602	XP0450100L	TRANSISTOR	1	
Q702	XP0450100L	TRANSISTOR	1	
Q902	XP0450100L	TRANSISTOR	1	
Q1002	XP0450100L	TRANSISTOR	1	
Q1201,02	2SB710A	TRANSISTOR	2	
Q1204,05	2SB710A	TRANSISTOR	2	
Q1206-08	2SD602A-R	TRANSISTOR	3	
Q1210,11	2SD602A-R	TRANSISTOR	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR1201-03	UNR511100L	TRANSISTOR	3	
QR1205,06	UNR511100L	TRANSISTOR	2	
QR1207,08	UNR521100L	TRANSISTOR	2	
QR1210,11	UNR521100L	TRANSISTOR	2	
QR1212-14	UNR511100L	TRANSISTOR	3	
QR1216,17	UNR511100L	TRANSISTOR	2	
R1-R4	D1H84734A008	COMBI.R-R	4	
R5	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7	D1H84734A008	COMBI.R-R	1	
R8,R9	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R10	D1H84704A008	COMBI.R-R	1	
R13,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R16,17	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R18,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R20,21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R24-28	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R29-31	D1H810140001	COMBI.R-R	3	
R52,53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R55-57	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R58	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R62-64	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R65-67	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R69	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R70,71	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R72,73	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R74,75	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R76,77	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R101,02	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R103,04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R105,06	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R107	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R108	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R109	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R110	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R111	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R112	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R113,14	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R115,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R117,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R119	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R120	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R121,22	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R123,24	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R125	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R126	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R127	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R128,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R130	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R131	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R132	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R133	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R134,35	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R136	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R137	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R138	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R139	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R140	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R141	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R142	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R143	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R144	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R145	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R146	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R147	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R148	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R151	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R152-54	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R155-60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	D0GB103JA002
R161,62	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R163,64	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R165,66	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R167	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R168	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R169	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R170	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R171	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R172	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R173,74	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R175,76	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R177,78	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R179	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R180	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R181	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R183	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R187	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R188,89	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R190	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R192	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R193	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R194-96	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R201,02	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R203,04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R205,06	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R207	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R208	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R209	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R210	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R211	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R212	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R213,14	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R215,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R217,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R219	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R220	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R221	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R223	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R227	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R228,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R230	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R232	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R233	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R234-36	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R301,02	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R303,04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R305,06	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R307	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R308	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R309	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R310	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R311	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R312	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R313,14	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R315,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R317,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R319	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R320	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R321	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R323	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R327	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R328,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R330	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R332	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R333	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R334-36	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R351,52	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R353,54	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R355,56	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R357	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R358	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R359	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R360	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R361	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R362	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R363,64	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R365,66	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R367,68	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R369	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R370	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R371	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R373	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R377	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R378,79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R380	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R382	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R383	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R384-86	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R401	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R402	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R403	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R404	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R405	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R406	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R407	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R408	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R409	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R410	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R411	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R412	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R413	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R414	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R417	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R418	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R451	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R461	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R502	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R503	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R504	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R508	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R509	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R510	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R511	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R512	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R520	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R521	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R523	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R527,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R531	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R538	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R539	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R540	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R541-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R545,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R549	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R550	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R551	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R552	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R553	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R554	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R555	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R556	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R557	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R558	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R559	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R560	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R561	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R562	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R563	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R564	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R565	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R566	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R569	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R572	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R573	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R574	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R577	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R578	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R579	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R580	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R581	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R582	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R583	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R584	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R585	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R586	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R587	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R588	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R589	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R590,91	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R593-96	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R602	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R603	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R604	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R608	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R609	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R610	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R611	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R612	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R620	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R621	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R623	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R626	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R627,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R638	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R639	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R640	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R641-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R645,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R650	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R651	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R652	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R653	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R654	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R663	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R665	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R666	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R677	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R693,94	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R702	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R703	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R704	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R708	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R709	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R710	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R711	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R712	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R720	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R721	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R723	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R727,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R731	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R735,36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R738	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R739	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R740	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R741-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R745,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R750	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R751	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R752	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R753	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R754	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R763	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R765	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R766	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R777	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R779	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R780	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R782,83	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R784	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R902	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R903	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R904	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R908	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R909	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R910	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R911	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R912	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R920	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R921	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R923	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R925	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R927,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R931	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R938	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R939	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R940	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R941-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R945,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R950	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R951	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R952	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R953	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R954	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R963	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R965	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R966	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R977	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R984	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R1002	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1003	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R1004	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1008	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R1009	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R1010	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1011	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1012	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1020	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R1021	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1023	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1025,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1027,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R1038	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1039	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1040	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1041-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R1045,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R1050	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1051	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1052	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R1053	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R1054	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R1063	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1065	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R1066	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1077	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1084	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R1201	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R1202	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R1203	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R1204	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R1208	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1209-11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1213,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1215,16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1218,19	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1223	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1225-27	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R1229,30	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1231-33	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	3	
R1238	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1240	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1242,43	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R1245-47	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	3	
R1301	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW51	VJP2536A003	CONNECTOR (MALE)	1	
TG1-G3	VJR0646	TEST POINT	3	D0X0R0000022
TP1-P6	EYF6CU	TEST POINT	6	
TP101,02	EYF6CU	TEST POINT	2	
TP151,52	EYF6CU	TEST POINT	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TP201,02	EYF6CU	TEST POINT	2	
TP301,02	EYF6CU	TEST POINT	2	
TP351,52	EYF6CU	TEST POINT	2	
TP401	EYF6CU	TEST POINT	1	
TP503	EYF6CU	TEST POINT	1	
TP505,06	EYF6CU	TEST POINT	2	
TP603	EYF6CU	TEST POINT	1	
TP703	EYF6CU	TEST POINT	1	
TP903	EYF6CU	TEST POINT	1	
TP1003	EYF6CU	TEST POINT	1	
		MISCELLANEOUS		
	VJS1990	CONNECTOR (FEMALE)	1	
	VMP6564	HEAT SINK HOLDER ANGLE	2	
	VMX1349	SPACER	4	K9ZZ00000691
	VSC4609	SHIELD CASE	6	
	VWZ0212	THERMAL CONDUCTIVE TUBE	6	
	XYN3+F6	SCREW	4	
	XWA3B	WASHER	4	
	XNG3BS	NUT	4	
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ E15	VEP85204B	H5 RF EQ P.C.BOARD	1	(RTL)
C1-C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C51-56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C101-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C106-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C113	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C114	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C115	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C116	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C117	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C118	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C119	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C120-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C126	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C127	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C128	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C129	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C130	ECJ1VC1H181J	C.CAPACITOR CH 50V 180P	1	
C131	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C134	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C136-38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C141	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C161-63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C166-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C173	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C174	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C175	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C176	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C177	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C178	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C179	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C181-87	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C201-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C206-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C213	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C214	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C215	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C216	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C217	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C218	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C219	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C221-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C301-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C306-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C313	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C314	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C315	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C316	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C317	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C318	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C319	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C321-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C351-53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C356-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C363	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C364	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C365	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C366	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C367	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C368	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C369	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C371-74	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C401	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	1	
C402	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C403-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C408-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C411	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C436	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C472-75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C501	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C502	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C503-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C519	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C520-28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C530-32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C533	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C534,35	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C539,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C542	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C543	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C601	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C602	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C603-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C619	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C620-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C628	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C630,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C639,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C642	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C643	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C701	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C702	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C703-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C719	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C720-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C728	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C730,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C734,35	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C736-40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C742	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C743	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C901	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C902	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C903-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C919	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C920-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C928	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C930,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C939,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C942	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C943	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C1001	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1002	ECUX1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C1003-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C1019	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C1020-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C1028	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1030,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1039,40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1042	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1043	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C1201-04	EEVHB1C470P	E.CAPACITOR 16V 47U	4	
C1206-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C1211,12	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C1213	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C1214,15	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C1217-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1223,24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1225	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C1226	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1228,29	EEFCD0J330R	E.CAPACITOR 6.3V 33U	2	
C1230	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1231	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
D501,02	MA28W-B	DIODE	2	
IC1,C2	TVHC244FT	IC	2	
IC3	TVHC86FT	IC	1	
IC4	TC74VHC32F	IC	1	C0JBAE000081
IC5	TVHC244FT	IC	1	
IC6,C7	TC4S66F	IC	2	C0JBAS000053
IC8	C0JBAB000196	IC	1	
IC51	DS90LV048A	IC	1	C0ZBZ0000280
IC52	C0JBAF000224	IC	1	
IC53	MC10H124M	IC	1	C0JBZZ000020
IC54	C0JBAZ000851	IC	1	
IC55	TLCX04F	IC	1	
IC101	C0JBAS000075	IC	1	
IC102	TVHT244FT	IC	1	
IC103	UPC1663G	IC	1	C1CB00000329
IC401	UPC1663G	IC	1	C1CB00000329
IC404,05	C0JBAS000075	IC	2	
IC501	MN673798	IC	1	
IC502	DS90LV047A	IC	1	C0ZBZ0000279
IC503	C0JBAZ000852	VHC	1	
IC504	C0JBAF000315	IC	1	
IC505	C0JBAZ000852	VHC	1	
IC506	C0ABBB000158	IC	1	
IC507	C0ABEB000023	IC	1	
IC601	MN673798	IC	1	
IC606	C0ABBB000158	IC	1	
IC701	MN673798	IC	1	
IC702	DS90LV047A	IC	1	C0ZBZ0000279
IC704	C0ABFB000012	IC	1	
IC705	C0JBAS000075	IC	1	
IC706	C0ABBB000158	IC	1	
IC901	MN673798	IC	1	
IC902	DS90LV047A	IC	1	C0ZBZ0000279
IC906	C0ABBB000158	IC	1	
IC1001	MN673798	IC	1	
IC1006	C0ABBB000158	IC	1	
IC1201	LT1175CS8	IC	1	
IC1202,03	LT1086CM	IC	2	C0CBAYG00001
IC1204	LT1129CS8	IC	1	
L101	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L102	VLQ0163JR68	COIL 0.68UH	1	G1CR68J00004
L103	G1C8R2J00002	COIL 8.2UH	1	
L104	VLQ0163J2R2	COIL 2.2UH	1	G1C2R2J00009
L105	VLQ0163J180	COIL 18UH	1	G1C180J00001
L106	VLQ0771R15K	COIL 0.15UH	1	
L107	VLQ0163J1R5	COIL 1.5UH	1	
L108	VLQ077168NM	COIL	1	
L161	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L162	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L201	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L202	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L301	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L302	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L351	VLQ0163JR27	COIL 0.27UH	1	G1CR27J00002
L352	VLQ0163J1R2	COIL 1.2UH	1	G1C1R2J00002
L401	VLQ0163J5R6	COIL 5.6UH	1	
L1201-04	VLP0183	COIL	4	J0JKC0000007
P1	K1KAE8B00001	CONNECTOR (MALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q1	XP0431200L	TRANSISTOR	1	
Q101	XN6537	TRANSISTOR-RESISTOR	1	
Q102,03	2SC3930	TRANSISTOR	2	
Q104,05	XP0553100L	TRANSISTOR-RESISTOR	2	
Q106,07	2SD1979	TRANSISTOR	2	
Q108	2SC3930	TRANSISTOR	1	
Q109	XP0553100L	TRANSISTOR-RESISTOR	1	
Q111	XP0431200L	TRANSISTOR	1	
Q112-15	2SD1979	TRANSISTOR	4	
Q161	XN6537	TRANSISTOR-RESISTOR	1	
Q162,63	2SC3930	TRANSISTOR	2	
Q164	XP0553100L	TRANSISTOR-RESISTOR	1	
Q165	2SC3930	TRANSISTOR	1	
Q166,67	2SD1979	TRANSISTOR	2	
Q168	2SC3930	TRANSISTOR	1	
Q201	XN6537	TRANSISTOR-RESISTOR	1	
Q202,03	2SC3930	TRANSISTOR	2	
Q204	XP0553100L	TRANSISTOR-RESISTOR	1	
Q205	2SC3930	TRANSISTOR	1	
Q206,07	2SD1979	TRANSISTOR	2	
Q208	2SC3930	TRANSISTOR	1	
Q252,53	2SC3930	TRANSISTOR	2	
Q301	XN6537	TRANSISTOR-RESISTOR	1	
Q302,03	2SC3930	TRANSISTOR	2	
Q304	XP0553100L	TRANSISTOR-RESISTOR	1	
Q305	2SC3930	TRANSISTOR	1	
Q306,07	2SD1979	TRANSISTOR	2	
Q308	2SC3930	TRANSISTOR	1	
Q351	XN6537	TRANSISTOR-RESISTOR	1	
Q352,53	2SC3930	TRANSISTOR	2	
Q354	XP0553100L	TRANSISTOR-RESISTOR	1	
Q355	2SC3930	TRANSISTOR	1	
Q356,57	2SD1979	TRANSISTOR	2	
Q358	2SC3930	TRANSISTOR	1	
Q401	2SC3930	TRANSISTOR	1	
Q402	2SA153200L	TRANSISTOR	1	
Q403	2SD1979	TRANSISTOR	1	
Q502	XP0450100L	TRANSISTOR	1	
Q505	2SD601A	TRANSISTOR	1	
Q506	2SB709A	TRANSISTOR	1	
Q602	XP0450100L	TRANSISTOR	1	
Q702	XP0450100L	TRANSISTOR	1	
Q902	XP0450100L	TRANSISTOR	1	
Q1002	XP0450100L	TRANSISTOR	1	
Q1201,02	2SB710A	TRANSISTOR	2	
Q1204,05	2SB710A	TRANSISTOR	2	
Q1206-08	2SD602A-R	TRANSISTOR	3	
Q1210,11	2SD602A-R	TRANSISTOR	2	
QR1201-03	UNR511100L	TRANSISTOR	3	
QR1205,06	UNR511100L	TRANSISTOR	2	
QR1207,08	UNR521100L	TRANSISTOR	2	
QR1210,11	UNR521100L	TRANSISTOR	2	
QR1212-14	UNR511100L	TRANSISTOR	3	
QR1216,17	UNR511100L	TRANSISTOR	2	
R1-R4	D1H84734A008	COMBI.R-R	4	
R5	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7	D1H84734A008	COMBI.R-R	1	
R8,R9	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R10	D1H84704A008	COMBI.R-R	1	
R13,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R16,17	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R18,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R20,21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R24-28	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R29-31	D1H810140001	COMBI.R-R	3	
R52,53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R55-57	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R58	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R62-64	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R65-67	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R69	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R70,71	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R72,73	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R74,75	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R76,77	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R101,02	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R103,04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R105,06	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R107	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R108	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R109	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R110	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R111	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R112	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R113,14	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R115,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R117,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R119	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R120	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R121,22	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R123,24	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R125	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R126	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R127	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R128,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R130	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R131	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R132	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R133	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R134,35	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R136	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R137	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R138	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R139	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R140	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R141	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R142	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R143	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R144	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R145	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R146	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R147	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R148	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R151	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R152-54	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R155-60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	D0GB103JA002
R161,62	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R163,64	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R165,66	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R167	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R168	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R169	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R170	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R171	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R172	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R173,74	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R175,76	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R177,78	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R179	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R180	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R181	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R183	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R187	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R188,89	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R190	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R192	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R193	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R194-96	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R201,02	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R203,04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R205,06	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R207	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R208	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R209	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R210	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R211	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R212	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R213,14	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R215,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R217,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R219	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R220	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R221	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R223	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R227	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R228,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R230	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R232	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R233	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R234-36	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R301,02	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R303,04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R305,06	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R307	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R308	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R309	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R310	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R311	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R312	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R313,14	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R315,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R317,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R319	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R320	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R321	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R323	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R327	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R328,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R330	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R332	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R333	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R334-36	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R351,52	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R353,54	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R355,56	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	2	
R357	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R358	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R359	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R360	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R361	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R362	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R363,64	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R365,66	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R367,68	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R369	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R370	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R371	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R373	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R377	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R378,79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R380	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R382	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R383	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R384-86	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R401	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R402	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R403	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R404	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R405	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R406	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R407	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R408	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R409	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R410	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R411	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R412	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R413	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R414	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R417	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R418	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R451	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R461	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R502	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R503	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R504	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R508	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R509	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R510	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R511	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R512	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R520	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R521	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R523	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R527,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R531	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R538	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R539	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R540	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R541-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R545,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R549	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R550	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R551	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R552	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R553	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R554	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R555	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R556	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R557	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R558	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R559	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R560	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R561	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R562	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R563	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R564	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R565	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R566	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R569	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R572	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R573	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R574	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R577	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R578	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R579	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R580	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R581	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R582	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R583	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R584	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R585	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R586	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R587	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R588	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R589	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R590,91	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R593-96	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R602	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R603	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R604	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R608	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R609	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R610	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R611	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R612	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R620	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R621	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R623	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R626	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R627,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R638	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R639	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R640	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R641-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R645,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R650	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R651	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R652	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R653	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R654	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R663	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R665	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R666	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R677	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R693,94	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R702	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R703	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R704	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R708	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R709	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R710	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R711	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R712	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R720	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R721	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R723	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R727,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R731	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R735,36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R738	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R739	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R740	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R741-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R745,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R750	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R751	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R752	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R753	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R754	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R763	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R765	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R766	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R777	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R779	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R780	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R782,83	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R784	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R902	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R903	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R904	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R908	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R909	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R910	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R911	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R912	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R920	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R921	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R923	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R925,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R927,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R931	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R938	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R939	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R940	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R941-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R945,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R950	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R951	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R952	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R953	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R954	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R963	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R965	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R966	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R977	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R984	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R1002	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1003	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R1004	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1008	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1009	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R1010	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1011	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1012	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1020	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R1021	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1023	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1025	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1027,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R1038	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1039	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1040	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1041-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R1045,46	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R1050	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1051	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R1052	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R1053	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R1054	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R1063	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1065	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R1066	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1077	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1084	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R1201	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R1202	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R1203	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R1204	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R1208	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1209-11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1213,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1215,16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1218,19	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1223	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1225-27	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R1229,30	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1231-33	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	3	
R1238	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1240	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1242,43	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R1245-47	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	3	
R1301	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW51	VJP2536A003	CONNECTOR (MALE)	1	
TG1-G3	VJR0646	TEST POINT	3	D0X0R0000022
TP1-P6	EYF6CU	TEST POINT	6	
TP101,02	EYF6CU	TEST POINT	2	
TP151,52	EYF6CU	TEST POINT	2	
TP201,02	EYF6CU	TEST POINT	2	
TP301,02	EYF6CU	TEST POINT	2	
TP351,52	EYF6CU	TEST POINT	2	
TP401	EYF6CU	TEST POINT	1	
TP503	EYF6CU	TEST POINT	1	
TP505,06	EYF6CU	TEST POINT	2	
TP603	EYF6CU	TEST POINT	1	
TP703	EYF6CU	TEST POINT	1	
TP903	EYF6CU	TEST POINT	1	
TP1003	EYF6CU	TEST POINT	1	
		MISCELLANEOUS		
	VJS1990	CONNECTOR (FEMALE)	1	
	VMP6564	HEAT SINK HOLDER ANGLE	2	
	VMX1349	SPACER	4	K9ZZ00000691
	VSC4609	SHIELD CASE	6	
	VWZ0212	THERMAL CONDUCTIVE TUBE	6	
	XYN3+F6	SCREW	4	
	XWA3B	WASHER	4	
	XNG3BS	NUT	4	
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■E16	VEP85205A	HEAD BUFF P.C.BOARD	1	(RTL)
■	VEP85209A	HEAD BUFF SUB P.C.BOARD	2	(RTL)FOR VEP85205A
C1-C5	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C6	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C9	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C11	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C12,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C15,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C19,20	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	2	
C21	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C71-75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C76	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C77-79	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C80	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C81	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C82-84	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C87,88	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C89,90	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	2	
C91	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C141-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C146	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C148	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C150	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C152	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C153,54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C159,60	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	2	
C161	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C211-15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C216	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C218-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C221	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C222	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C223-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C229,30	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	2	
C231	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C306-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C310-13	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C314-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C318,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C321-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C327-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C334	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C335	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C336	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	1	
C337	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C338-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C342	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C343-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C347-50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C353	ECUX1H090DCV	C.CAPACITOR CH 50V 9P	1	
C354	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C406-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C410-13	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C414-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C418,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C421-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C427-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C434	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C435	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C436	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	1	
C437	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C438-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C442	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C443-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C447-51	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C453	ECUX1H090DCV	C.CAPACITOR CH 50V 9P	1	
C454	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C506-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C510-13	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C514-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C518,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C521-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C527-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C534	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C535	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C536	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	1	
C537	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C538-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C542	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C543-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C547-50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C553	ECUX1H090DCV	C.CAPACITOR CH 50V 9P	1	
C554	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C606-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C610-13	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C614-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C618,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C621-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C627-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C634	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C635	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C636	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	1	
C637	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C638-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C642	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C643-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C647-51	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C653	ECUX1H090DCV	C.CAPACITOR CH 50V 9P	1	
C654	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C702	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	1	
C706-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C710-13	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C714-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C718,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C721-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C727-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C734	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C735	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C736	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	1	
C737	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C738-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C742	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C743-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C747-50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C753	ECUX1H090DCV	C.CAPACITOR CH 50V 9P	1	
C754	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C802	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	1	
C806-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C810-13	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C814-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C818,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C821-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C827-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C834	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C835	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C836	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	1	
C837	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C838-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C842	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C843-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C847-50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C853	ECUX1H090DCV	C.CAPACITOR CH 50V 9P	1	
C854	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C902-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C906-09	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C910-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C914,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C917-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C923-27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C928	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C929-31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C933-36	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C952-55	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C956-59	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C960-62	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C964,65	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C967-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C973-77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C978	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C979-81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C983-87	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1002-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C1006-09	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C1010-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C1014,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1017-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1023-27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1028	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1029-31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C1033-36	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C1052-55	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C1056-59	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	4	
C1060-62	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C1064,65	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1067-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1073-77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1078	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1079-81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C1083-87	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C1201,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1203-18	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	16	
C1219-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C1227,28	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	2	
C1251,52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1253-68	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	16	
C1269-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C1301	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1302	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C1303	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C1304	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1351-56	EEVHB1C220	E.CAPACITOR 16V 22U	6	
C1357-65	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C1366-71	EEVHB1C220	E.CAPACITOR 16V 22U	6	
C1372-78	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C1380	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1381	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C1382	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C1383	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C1385	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C1386-88	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C1389	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C1390	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1391	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C1392	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1393-97	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	5	F1J1C105A083
C1401,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1403	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C1404	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1405	ECJ1VC1H181J	C.CAPACITOR CH 50V 180P	1	
C1406	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1407	ECUX1H060DCV	C.CAPACITOR CH 50V 6P	1	
C1408,09	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	2	
C1410-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C1451,52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1453	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C1454	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1455	ECJ1VC1H181J	C.CAPACITOR CH 50V 180P	1	
C1456	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1457	ECUX1H060DCV	C.CAPACITOR CH 50V 6P	1	
C1458,59	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	2	
D1,D2	MA152WK	DIODE	2	
D71,72	MA152WK	DIODE	2	
D141,42	MA152WK	DIODE	2	
D211,12	MA152WK	DIODE	2	
D1301	MA3X15300L	DIODE	1	
D1351	MA152WK	DIODE	1	
IC1	MC10H116M	IC	1	C0JBZZ000018

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC2	C0ABFB000012	IC	1	
IC3,C4	TC4S30F	IC	2	C0JBAZ000429
IC73,74	TC4S30F	IC	2	C0JBAZ000429
IC75	LT1175CS8	IC	1	
IC143,44	TC4S30F	IC	2	C0JBAZ000429
IC213,14	TC4S30F	IC	2	C0JBAZ000429
IC215	LT1175CS8	IC	1	
IC301	C0JBAB000200	IC	1	
IC302	UPC5102GS030	IC	1	C1ZBZ0001316
IC303	UPC1663G	IC	1	C1CB00000329
IC304	MC1495D	IC	1	
IC305	UPC1663G	IC	1	C1CB00000329
IC402	UPC5102GS030	IC	1	C1ZBZ0001316
IC403	UPC1663G	IC	1	C1CB00000329
IC404	MC1495D	IC	1	
IC405	UPC1663G	IC	1	C1CB00000329
IC501	C0JBAB000200	IC	1	
IC502	UPC5102GS030	IC	1	C1ZBZ0001316
IC503	UPC1663G	IC	1	C1CB00000329
IC504	MC1495D	IC	1	
IC505	UPC1663G	IC	1	C1CB00000329
IC602	UPC5102GS030	IC	1	C1ZBZ0001316
IC603	UPC1663G	IC	1	C1CB00000329
IC604	MC1495D	IC	1	
IC605	UPC1663G	IC	1	C1CB00000329
IC702	UPC5102GS030	IC	1	C1ZBZ0001316
IC703	UPC1663G	IC	1	C1CB00000329
IC704	MC1495D	IC	1	
IC705	UPC1663G	IC	1	C1CB00000329
IC802	UPC5102GS030	IC	1	C1ZBZ0001316
IC803	UPC1663G	IC	1	C1CB00000329
IC804	MC1495D	IC	1	
IC805	UPC1663G	IC	1	C1CB00000329
IC901	C0JBAB000200	IC	1	
IC902	UPC5102GS030	IC	1	C1ZBZ0001316
IC903	UPC1663G	IC	1	C1CB00000329
IC904	MC1495D	IC	1	
IC905	UPC1663G	IC	1	C1CB00000329
IC952	UPC5102GS030	IC	1	C1ZBZ0001316
IC953	UPC1663G	IC	1	C1CB00000329
IC954	MC1495D	IC	1	
IC955	UPC1663G	IC	1	C1CB00000329
IC1001	C0JBAB000200	IC	1	
IC1002	UPC5102GS030	IC	1	C1ZBZ0001316
IC1003	UPC1663G	IC	1	C1CB00000329
IC1004	MC1495D	IC	1	
IC1005	UPC1663G	IC	1	C1CB00000329
IC1052	UPC5102GS030	IC	1	C1ZBZ0001316
IC1053	UPC1663G	IC	1	C1CB00000329
IC1054	MC1495D	IC	1	
IC1055	UPC1663G	IC	1	C1CB00000329
IC1201	M62370GP	IC	1	C0FBBD000082
IC1202,03	C0JBAS000075	IC	2	
IC1204,05	C0ABFB000012	IC	2	
IC1251	M62370GP	IC	1	C0FBBD000082
IC1252,53	C0JBAS000075	IC	2	
IC1254,55	C0ABFB000012	IC	2	
IC1301	TVHC27FT	IC	1	
IC1302	C0JBAA000117	VHC	1	
IC1351	C0CBADD00003	IC	1	
IC1353	C0CBABC00049	IC	1	
IC1354	C0JBAB000200	IC	1	
IC1355,56	TVHC164FT	IC	2	
IC1357	C0JBAB000200	IC	1	
IC1358	LT1175CS8	IC	1	
IC1359	LT1129CS8	IC	1	
IC1360	C0JBAZ000525	IC	1	
IC1401	TC7W08FU	IC	1	
IC1402	C0ABEB000023	IC	1	
IC1403	C0JBAA000102	IC	1	
IC1453	C0JBAA000102	IC	1	
L1	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002
L4	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002
L71	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L74	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002
L141	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002
L144	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002
L211	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002
L214	VLQ0163JR33	COIL 0.33UH	1	G1CR33J00002
L304	VLQ0163J101	COIL 100UH	1	
L305	VLQ0163J181	COIL 180UH	1	G1C181JA0003
L306	VLQ0163J1R8	COIL 1.8UH	1	G1C1R8J00003
L404	VLQ0163J101	COIL 100UH	1	
L405	VLQ0163J181	COIL 180UH	1	G1C181JA0003
L406	VLQ0163J1R8	COIL 1.8UH	1	G1C1R8J00003
L504	VLQ0163J101	COIL 100UH	1	
L505	VLQ0163J181	COIL 180UH	1	G1C181JA0003
L506	VLQ0163J1R8	COIL 1.8UH	1	G1C1R8J00003
L604	VLQ0163J101	COIL 100UH	1	
L605	VLQ0163J181	COIL 180UH	1	G1C181JA0003
L606	VLQ0163J1R8	COIL 1.8UH	1	G1C1R8J00003
L704	VLQ0163J101	COIL 100UH	1	
L705	VLQ0163J181	COIL 180UH	1	G1C181JA0003
L706	VLQ0163J1R8	COIL 1.8UH	1	G1C1R8J00003
L804	VLQ0163J101	COIL 100UH	1	
L805	VLQ0163J181	COIL 180UH	1	G1C181JA0003
L806	VLQ0163J1R8	COIL 1.8UH	1	G1C1R8J00003
L1351-57	VLP0183	COIL	7	J0JKC0000007
L1401,02	VLQ0163J2R2	COIL 2.2UH	2	G1C2R2J00009
L1451,52	VLQ0163J2R2	COIL 2.2UH	2	G1C2R2J00009
P1,P2	VJS3900C013	CONNECTOR (FEMALE)	2	K1MN13A00023
P3,P4	VJS3900A024	CONNECTOR (FEMALE)	2	
P5	K1KAE8B00001	CONNECTOR (MALE)	1	
Q2	2SA153200L	TRANSISTOR	1	
Q3	2SK508K512	TRANSISTOR	1	
Q4	2SC4536	TRANSISTOR	1	
Q5	XP1504	TRANSISTOR-RESISTOR	1	
Q6	2SC4536	TRANSISTOR	1	
Q7	XP1504	TRANSISTOR-RESISTOR	1	
Q8	2SK508K512	TRANSISTOR	1	
Q9,10	2SC4536	TRANSISTOR	2	
Q11,12	2SA153200L	TRANSISTOR	2	
Q72	2SA153200L	TRANSISTOR	1	
Q73	2SK508K512	TRANSISTOR	1	
Q74	2SC4536	TRANSISTOR	1	
Q75	XP1504	TRANSISTOR-RESISTOR	1	
Q76	2SC4536	TRANSISTOR	1	
Q77	XP1504	TRANSISTOR-RESISTOR	1	
Q78	2SK508K512	TRANSISTOR	1	
Q79,80	2SC4536	TRANSISTOR	2	
Q81,82	2SA153200L	TRANSISTOR	2	
Q142	2SA153200L	TRANSISTOR	1	
Q143	2SK508K512	TRANSISTOR	1	
Q144	2SC4536	TRANSISTOR	1	
Q145	XP1504	TRANSISTOR-RESISTOR	1	
Q146	2SC4536	TRANSISTOR	1	
Q147	XP1504	TRANSISTOR-RESISTOR	1	
Q148	2SK508K512	TRANSISTOR	1	
Q149,50	2SC4536	TRANSISTOR	2	
Q151,52	2SA153200L	TRANSISTOR	2	
Q212	2SA153200L	TRANSISTOR	1	
Q213	2SK508K512	TRANSISTOR	1	
Q214	2SC4536	TRANSISTOR	1	
Q215	XP1504	TRANSISTOR-RESISTOR	1	
Q216	2SC4536	TRANSISTOR	1	
Q217	XP1504	TRANSISTOR-RESISTOR	1	
Q218	2SK508K512	TRANSISTOR	1	
Q219,20	2SC4536	TRANSISTOR	2	
Q221,22	2SA153200L	TRANSISTOR	2	
Q301	2SD1979	TRANSISTOR	1	
Q302	XP6534	TRANSISTOR-RESISTOR	1	
Q306	2SC3930	TRANSISTOR	1	
Q308	XP4506	TRANSISTOR-RESISTOR	1	
Q401	2SD1979	TRANSISTOR	1	
Q402	XP6534	TRANSISTOR-RESISTOR	1	
Q406	2SC3930	TRANSISTOR	1	
Q408	XP4506	TRANSISTOR-RESISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q501	2SD1979	TRANSISTOR	1	
Q502	XP6534	TRANSISTOR-RESISTOR	1	
Q506	2SC3930	TRANSISTOR	1	
Q508	XP4506	TRANSISTOR-RESISTOR	1	
Q601	2SD1979	TRANSISTOR	1	
Q602	XP6534	TRANSISTOR-RESISTOR	1	
Q606	2SC3930	TRANSISTOR	1	
Q608	XP4506	TRANSISTOR-RESISTOR	1	
Q701	2SD1979	TRANSISTOR	1	
Q702	XP6534	TRANSISTOR-RESISTOR	1	
Q706	2SC3930	TRANSISTOR	1	
Q707	XP1504	TRANSISTOR-RESISTOR	1	
Q708	XP4506	TRANSISTOR-RESISTOR	1	
Q801	2SD1979	TRANSISTOR	1	
Q802	XP6534	TRANSISTOR-RESISTOR	1	
Q806	2SC3930	TRANSISTOR	1	
Q807	XP1504	TRANSISTOR-RESISTOR	1	
Q808	XP4506	TRANSISTOR-RESISTOR	1	
Q901	2SD1979	TRANSISTOR	1	
Q902	XP6534	TRANSISTOR-RESISTOR	1	
Q951	2SD1979	TRANSISTOR	1	
Q952	XP6534	TRANSISTOR-RESISTOR	1	
Q1001	2SD1979	TRANSISTOR	1	
Q1002	XP6534	TRANSISTOR-RESISTOR	1	
Q1051	2SD1979	TRANSISTOR	1	
Q1052	XP6534	TRANSISTOR-RESISTOR	1	
Q1301	2SB709A	TRANSISTOR	1	
Q1302	2SD601A	TRANSISTOR	1	
Q1303	2SB710A	TRANSISTOR	1	
Q1305	2SD602A-R	TRANSISTOR	1	
Q1307	2SD602A-R	TRANSISTOR	1	
Q1308,09	2SB766A-R	TRANSISTOR	2	
Q1310,11	2SD602A-R	TRANSISTOR	2	
Q1351,52	XP0431200L	TRANSISTOR	2	
Q1353	2SD601A	TRANSISTOR	1	
Q1401	2SD601A	TRANSISTOR	1	
Q1402	2SB1218A0L	TRANSISTOR	1	
Q1403,04	2SC3735	TRANSISTOR	2	
Q1405	2SC3930	TRANSISTOR	1	
Q1451	2SD601A	TRANSISTOR	1	
Q1452	2SB1218A0L	TRANSISTOR	1	
Q1453,54	2SC3735	TRANSISTOR	2	
Q1455	2SC3930	TRANSISTOR	1	
QR1301	UNR521100L	TRANSISTOR	1	
QR1302	UNR511100L	TRANSISTOR	1	
QR1305,06	UNR511100L	TRANSISTOR	2	
QR1308	UNR511100L	TRANSISTOR	1	
QR1309	UNR521100L	TRANSISTOR	1	
QR1310	UNR511100L	TRANSISTOR	1	
QR1311	UNR521100L	TRANSISTOR	1	
QR1312-14	UNR511100L	TRANSISTOR	3	
QR1401	UNR521100L	TRANSISTOR	1	
QR1403	UNR511300L	TRANSISTOR	1	
QR1453	UNR511300L	TRANSISTOR	1	
R1-R3	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R4,R5	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R6,R7	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R9-12	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	4	
R14	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R15	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R16	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R17	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R20	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R21	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R22	ERJ8GEYJ561V	1/8W 560	1	D0GF561JA002
R23	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R24	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R25	ERJ8GEYJ221	M.RESISTOR CH 1/8W 220	1	
R26	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R27	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R29	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R30	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R31	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R33	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R35	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R36,37	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R38	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R39	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R40,41	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R42	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R43,44	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	2	
R45,46	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R47	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R48	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R71-73	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R74,75	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R76,77	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R79-82	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	4	
R84	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R85,86	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R87	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R88	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R89	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R90	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R91	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R92	ERJ8GEYJ561V	1/8W 560	1	D0GF561JA002
R93	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R94	ERJ8GEYJ221	M.RESISTOR CH 1/8W 220	1	
R95	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R96	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R97	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R98	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R99	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R100	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R101	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R103	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R108	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R109	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R110,11	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R112	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R113,14	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	2	
R115,16	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R117	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R118	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R141-43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R144,45	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R146,47	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R149-52	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	4	
R154	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R155	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R156	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R157	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R158	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R159	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R160	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R161	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R162	ERJ8GEYJ561V	1/8W 560	1	D0GF561JA002
R163	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R164	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R165	ERJ8GEYJ221	M.RESISTOR CH 1/8W 220	1	
R166	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R167	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R168	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R169	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R170	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R171	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R173	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R175	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R176,77	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R178	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R179	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R180,81	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R182	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R183,84	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	2	
R185,86	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R187	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R188	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R211-13	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R214,15	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R216,17	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R219-22	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	4	
R224	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R225,26	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R227	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R228	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R229	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R230	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R231	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R232	ERJ8GEYJ561V	1/8W 560	1	D0GF561JA002
R233	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R234	ERJ8GEYJ221	M.RESISTOR CH 1/8W 220	1	
R235	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R236	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R237	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R238	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R239	ERJ14YJ270	M.RESISTOR CH 1/4W 27	1	
R240	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R241	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
R243	ERJ3GEYJ1R0	M.RESISTOR CH 1/16W 1	1	
R248	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R249	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R250,51	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R252	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R253,54	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	2	
R255,56	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R257	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R258	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R310-13	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R314,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R316	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R317,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R319,20	ERJ3RED680	M.RESISTOR CH 1/16W 68	2	
R321	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R323	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R324	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R325,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R327-30	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R331	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R332	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R333	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R334	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R335	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R337	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R342	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R343	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R344	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R345	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R346	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R347	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R348	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R349	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R350	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R351	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R352	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R353,54	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R355	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R356	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R357	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R358-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R361	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R362,63	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R364,65	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R370,71	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R372,73	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R374	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R410-13	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R414,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R416	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R417,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R419,20	ERJ3RED680	M.RESISTOR CH 1/16W 68	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R421	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R423	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R424	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R425,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R427-30	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R431	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R432	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R433	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R434	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R435	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R437	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R442	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R443	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R444	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R445	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R446	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R447	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R448	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R449	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R450	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R451	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R452	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R453,54	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R455	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R456	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R457	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R458-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R461	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R462,63	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R464,65	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R470,71	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R472,73	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R474	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R510-13	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R514,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R516	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R517,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R519,20	ERJ3RED680	M.RESISTOR CH 1/16W 68	2	
R521	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R523	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R524	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R525,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R527-30	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R531	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R532	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R533	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R534	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R535	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R537	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R542	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R543	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R544	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R545	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R546	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R547	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R548	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R549	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R550	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R551	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R552	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R553,54	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R555	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R556	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R557	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R558-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R561	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R562,63	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R564,65	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R570,71	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R572,73	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R574	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R610-13	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R614,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R616	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R617,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R619,20	ERJ3RED680	M.RESISTOR CH 1/16W 68	2	
R621	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R623	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R624	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R625,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R627-30	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R631	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R632	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R633	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R634	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R635	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R637	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R642	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R643	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R644	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R645	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R646	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R647	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R648	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R649	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R650	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R651	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R652	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R653,54	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R655	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R656	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R657	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R658-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R661	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R662,63	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R664,65	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R670,71	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R672,73	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R674	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R710-13	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R714,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R716	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R717,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R719,20	ERJ3RED680	M.RESISTOR CH 1/16W 68	2	
R721	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R723	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R724	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R725,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R727-30	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R731	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R732	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R733	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R734	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R735	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R737	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R742	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R743	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R744	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R745	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R746	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R747	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R748	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R749	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R750	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R751	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R752	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R753,54	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R755	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R756	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R757	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R758-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R761	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R762,63	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R764,65	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R766,67	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R768,69	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R770,71	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R772,73	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R774	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R810-13	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R814,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R816	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R817,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R819,20	ERJ3RED680	M.RESISTOR CH 1/16W 68	2	
R821	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R823	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R824	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R825,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R827-30	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R831	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R832	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R833	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R834	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R835	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R837	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R842	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R843	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R844	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R845	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R846	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R847	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R848	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R849	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R850	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R851	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R852	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R853,54	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R855	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R856	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R857	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R858-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R861	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R862,63	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R864,65	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R866,67	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R868,69	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R870,71	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R872,73	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R874	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R902-05	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R906,07	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R908	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R909,10	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R911,12	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R913	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R915	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R916	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R917,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R919-22	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R923	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R924	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R925	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R926	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R927	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R928	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R929	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R930	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R931	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R932	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R933	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R934	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R935	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R936,37	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R938	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R939	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R940	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R941-43	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R944	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R945,46	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R947,48	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R952-55	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R956,57	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R958	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R959,60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R961,62	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R963	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R965	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R966	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R967,68	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R969-72	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R973	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R974	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R975	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R976	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R977	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R978	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R979	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R980	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R981	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R982	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R983	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R984	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R985	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R986,87	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R988	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R989	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R990	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R991-93	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R994	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R995,96	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R997,98	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1002-05	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R1006,07	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1008	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1009,10	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1011,12	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R1013	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R1015	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R1016	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R1017,18	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1019-22	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R1023	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1024	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1025	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1026	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1027	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1028	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R1029	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1030	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1031	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R1032	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1033	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R1034	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R1035	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1036,37	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R1038	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1039	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1040	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1041-43	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R1044	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1045,46	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1047,48	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1052-55	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R1056,57	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1058	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1059,60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1061,62	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R1063	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R1065	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R1066	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R1067,68	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1069-72	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	4	
R1073	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1074	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1075	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1076	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1077	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1078	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R1079	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1080	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1081	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R1082	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1083	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R1084	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R1085	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1086,87	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R1088	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1089	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R1090	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1091-93	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R1094	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1095,96	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1097,98	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1201-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1204,05	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1206	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R1207	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1208-22	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	15	
R1223,24	D1H810140001	COMBI.R-R	2	
R1228	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R1229-31	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	3	
R1233	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R1234	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1235-37	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	3	
R1239	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1240	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R1241-43	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	3	
R1244	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1245,46	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	2	
R1247	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1248,49	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R1251-53	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1254,55	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1256	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R1257	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1258-72	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	15	
R1273,74	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R1278	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R1279-81	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	3	
R1283	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R1284	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1285-87	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	3	
R1289	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1290	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R1291-93	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	3	
R1294	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1295,96	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	2	
R1297	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1301	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1302	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1303,04	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1305	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1306-09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R1310	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1314	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1315	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1318	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1319	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1321	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1325	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1327	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1328,29	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1332	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1333	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1334	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R1335	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1336,37	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1340,41	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R1351-54	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R1355	D1H84734A008	COMBI.R-R 47K	1	
R1356,57	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1358-60	D1H810140001	COMBI.R-R 100	3	
R1361,62	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1363-68	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R1369	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1401-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1404	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R1405	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R1406,07	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1408	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R1409	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R1410	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1411	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1412	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R1413	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R1414	ERJ8GEYJ270	M.RESISTOR CH 1/8W 27	1	
R1415	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R1416	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R1417	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1420	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1421	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R1451-53	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1454	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R1455	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R1456,57	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R1458	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R1459	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R1460	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1461	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1462	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R1463	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R1464	ERJ8GEYJ270	M.RESISTOR CH 1/8W 27	1	
R1465	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R1466	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R1470	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1471	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
RY1	VSY2176	RELAY	1	K6B2CDA00045
TG1	VJR0646	TEST POINT	1	D0X0R0000022
TP301	EYF6CU	TEST POINT	1	
TP401	EYF6CU	TEST POINT	1	
TP501	EYF6CU	TEST POINT	1	
TP601	EYF6CU	TEST POINT	1	
TP701	EYF6CU	TEST POINT	1	
TP801	EYF6CU	TEST POINT	1	
TP901	EYF6CU	TEST POINT	1	
TP951	EYF6CU	TEST POINT	1	
TP1001	EYF6CU	TEST POINT	1	
TP1051	EYF6CU	TEST POINT	1	
		MISCELLANEOUS		
	VYQ2013	RF SHIELD CASE (U) ASS' Y	1	
	VSC4933	SHILD HOLDER ANGLE	1	
	VSC5124	RF SHIELD CASE (UPPER)	1	
	VSC4928	EARTH FINGER	1	
	XSN26+3	SCREW	1	
	VSC4386	RF SHIELD CASE (MIDDLE)	1	
	VSC4437	RF SHIELD CASE (LOWER)	1	
	VMP7119	HOLDER ANGLE	1	
	XYN3+K8	SCREW	2	
■ E17	VEP89139A	MOTHER P.C.BOARD	1	(RTL)
C1-11	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	11	
P1-14	K1KBE8A00001	CONNECTOR (FEMALE)	14	
P21	VJP2891B016	CONNECTOR (MALE)	1	K1KA16B00055
P29	VJS3375B060	CONNECTOR (FEMALE)	1	K1KB60B00011
P30	VJS3375B080	CONNECTOR (FEMALE)	1	K1KB80B00010
P31	VJP3440A016	CONNECTOR (MALE)	1	K1KA16A00138
P32	K1KA03A00017	CONNECTOR (MALE)	1	
P40	VJP3418A080	CONNECTOR (MALE)	1	K1KA80A00066

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P41	VJP3081	CONNECTOR (MALE)	1	
P42	VJP3076	CONNECTOR (MALE)	1	
P43	VJP3082	CONNECTOR (MALE)	1	
P47	K1KA03A00017	CONNECTOR (MALE)	1	
P51-55	K1KBE8A00001	CONNECTOR (FEMALE)	5	
P60	VJP2824B007	CONNECTOR (MALE)	1	K1KA07B00005
P61	VJP2824B009	CONNECTOR (MALE)	1	K1KA09B00016
P62	VJP2824B008	CONNECTOR (MALE)	1	K1KA08B00004
P102-07	VJS4301A100	CONNECTOR (FEMALE)	6	K1KBA0A00069
P132	VJP3440B016	CONNECTOR (MALE)	1	K1KA16B00019
P133	K1KBE8A00001	CONNECTOR (FEMALE)	1	
P134	K1KA03A00017	CONNECTOR (MALE)	1	
		MISCELLANEOUS		
	VMP6250	MOTHER ANGLE (A)	1	
	VMP6251	MOTHER ANGLE (B)	1	
	VMP6252	MOTHER ANGLE (C)	1	
	VMP6253	MOTHER ANGLE (D)	1	
	VMP6254	MOTHER ANGLE (E)	1	
	VMP4868	XLR GUIDE ANGLE (B)	1	
	XYE3+EF6	SCREW	27	
	XTV26+6F	SCREW	2	
	VKC0392	SPACER	2	
■ E18	VEP80991A	AC HEAD IF P.C.BOARD	1	(RTL)
P1	VJP2278	CONNECTOR (MALE)	1	K1KA09A00087
P2	VJP1881T	CONNECTOR (MALE)	1	K1KA10C00002
■ E19	VEP83478A	REAR JACK P.C.BOARD	1	(RTL)
C1	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C2	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C3,C4	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C5	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C6,C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C8	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C9,10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C11	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C12,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C14	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C16	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C18	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C20	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C22	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C24	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C26	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C28	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C30	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C31	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C32	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C34	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C35	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C36	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C37	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C38	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C39	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C42	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C43	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C44	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C45	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C46	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C47	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C48	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C50	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C51	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C52	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C54-57	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	4	
C60	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C100	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C101	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C102-09	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	8	F1H1H102A009
C110	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C111-26	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	16	F1H1H102A009
C127	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C128-35	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	8	F1H1H102A009
C136	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C137-60	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	24	F1H1H102A009
C161-68	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C170	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
D1	MA3J14300L	DIODE	1	
D2	MA142K	DIODE	1	
D3	MA3J14300L	DIODE	1	
D4	MA3062M	DIODE	1	
D5	MA142K	DIODE	1	
D6,D7	MA3130-L	DIODE	2	
D8	MA3J14300L	DIODE	1	
D9	MA3130-L	DIODE	1	
D10	MA3062M	DIODE	1	
D11	MA3J14300L	DIODE	1	
D20,21	MA142K	DIODE	2	
IC1	LT1129CS8	IC	1	
IC2	LT1175CS8	IC	1	
IC3	C0CBAHA00002	IC	1	
IC4	NJM79L09UA	IC	1	C0CABBF00001
IC5,C6	T74HC4051AF	IC	2	
IC7	TC7S00FU	IC	1	
IC10	TC74HC4050AF	IC	1	
IC11	TC7S00FU	IC	1	
IC12-15	C0JBAQ000080	IC	4	
IC16,17	SN74S1053NS	IC	2	
IC18-20	TC74HC4094AF	IC	3	
IC21	TC7S00FU	IC	1	
J1-J6	VJS3901	CONNECTOR (FEMALE)	6	K1CB204H0004
J101-03	VJS3901	CONNECTOR (FEMALE)	3	K1CB204H0004
L1-L5	VLF1151A132	COIL	5	
L6-15	VLQ0319K100	COIL 10UH	10	G1C100K00023
P201	VJP3375A080	CONNECTOR (MALE)	1	K1KA80A00054
P202	VJP3414A015	CONNECTOR (MALE)	1	K1FB115A0008
P203,04	VJP3414A009	CONNECTOR (MALE)	2	K1FB109A0016
P206	VJP3414A025	CONNECTOR (MALE)	1	K1FB125A0011
P207	VJS4356	CONNECTOR (FEMALE)	1	K1FB150A0024
Q1	2SB709	TRANSISTOR	1	
Q2	2SC2295	TRANSISTOR	1	
Q3	2SB709	TRANSISTOR	1	
Q4	2SC2295	TRANSISTOR	1	
Q5	2SB709	TRANSISTOR	1	
Q6	XN4501	TRANSISTOR-RESISTOR	1	
Q7	2SB709	TRANSISTOR	1	
Q8	XN4501	TRANSISTOR-RESISTOR	1	
Q9	2SB709	TRANSISTOR	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q10	XN4501	TRANSISTOR-RESISTOR	1	
Q11	2SB709	TRANSISTOR	1	
Q12,13	XN4501	TRANSISTOR-RESISTOR	2	
Q14	2SB709	TRANSISTOR	1	
Q40-51	XN1214	TRANSISTOR-RESISTOR	12	
R1	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R2	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R5,R6	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R7	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R8	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R9	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R10	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R11	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R12	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R13,14	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R15	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R17	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R18	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R19	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R20	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R21	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R22,23	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R24	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R25	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R26	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R27	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R28	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R29	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R30	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R31,32	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R33	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R34	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R35	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R36	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R37	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R38	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R39	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R40,41	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R42	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R43	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R44	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R45	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R47	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R48	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R49,50	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R51	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R52	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R53,54	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R55	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R56,57	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R58	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R59	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R60	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R62	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R64	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R68	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R72	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R76	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R80	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R84	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R120	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R121	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R122	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R123	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R124	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R125	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R126	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R127	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R128	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R129	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R130	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R131-94	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	64	D0GB103JA002
R195	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
⚠ R196	ERQ12HJ2R7	F.RESISTOR 1/2W 2.7	1	
SW1,W2	VSS0307	SWITCH	2	K0D122A00105
		MISCELLANEOUS		
	VMP6258	D SUB ANGLE	1	
	VMP6259	V/S JACK ANGLE	1	
	VXQ0102	SCREW	10	K1YE50000008
	XTN26+6FFZ	SCREW	3	
	XTN3+10JFZ	SCREW	9	
■ E20	VEP81200C	POWER 1 P.C.BOARD	1	(RTL)
⚠ C1101	ECQU2A224MV	P.CAPACITOR 100V 0.22U	1	
⚠ C1102,03	F1BAH4710001	C.CAPACITOR 470P	2	
⚠ C1104	ECQU2A474MV	P.CAPACITOR 100V 0.47U	1	
⚠ C1105,06	F1BAH101A001	C.CAPACITOR 100P	2	
⚠ C1107,08	F1BAH1520004	C.CAPACITOR 1500P	2	
⚠ C1109	F1BAH1020010	C.CAPACITOR 1000P	1	
C1110,11	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	2	
C1112	VCK0293	C.CAPACITOR	1	F0A2G3350001
C1113	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1115,16	VCK0106K471	C.CAPACITOR 470P	2	
C1117,18	ECEC2WC151EB	E.CAPACITOR 450V 150U	2	
C1119,20	VCK0106K471	C.CAPACITOR 470P	2	
C1121	ECA1HXL100	E.CAPACITOR 50V 10U	1	
C1122	ECA1HXS100	E.CAPACITOR 50V 10U	1	
C1123	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1125	ECUM1E474ZFM	C.CAPACITOR CH 25V 0.47U	1	
C1126	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C1127	ECQV1H684JF	P.CAPACITOR 50V 0.68U	1	
C1128	EEUFC1H121L	E.CAPACITOR 50V 120U	1	
C1129	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C1130	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1131	ECQF6222JZH	P.CAPACITOR 630V 2200P	1	
C1132,33	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	2	
C1134	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C1135	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C1136	ECA1HXL010	E.CAPACITOR 50V 1U	1	
C1141,42	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
D1101	RBV606	DIODE	1	
D1102	TM1661S-L	DIODE	1	
D1103	U1GU44	DIODE	1	
D1104	FML-36S	DIODE	1	
D1105,06	B0AAMT000002	DIODE	2	
D1107,08	MA3200-M	DIODE	2	
D1109,10	MA152K	DIODE	2	
D1111-13	U1GU44	DIODE	3	
D1114,15	MA3068-M	DIODE	2	
D1116	MA3200-M	DIODE	1	
D1118,19	MA3200-M	DIODE	2	
D1120	MA3220-M	DIODE	1	
D1122	MA152K	DIODE	1	
D1123,24	MA3200-M	DIODE	2	
D1125	MA152K	DIODE	1	
D1126	MA3068-M	DIODE	1	
D1127	SFPB-76V	DIODE	1	
D1128	MA1070400L	DIODE	1	
IC1101	MC33262P	IC	1	C0DAZZZ00013
IC1102	M51945BL	IC	1	C0EAB0000004
IC1103	M51953BL	IC	1	C0EAH0000033
⚠ L1101-03	ELF21N030A	COIL	3	
⚠ L1104	ELF18D604F	FILTER	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L1105	VLQ0820	COIL	1	
P1101	VJP2638	CONNECTOR (MALE)	1	K1KA02A00112
P1102,03	VJP2639	CONNECTOR (MALE)	2	K1KA02A00205
P1104	K1KA06A00262	CONNECTOR	1	
⚠ Q1101,02	2SK1941-01R	TRANSISTOR	2	B1DEGR000002
Q1103	2SJ278	TRANSISTOR	1	
Q1106	XN1501	TRANSISTOR-RESISTOR	1	
QR1101	UNR211200L	TRANSISTOR	1	
QR1102	UNR221300L	TRANSISTOR	1	
QR1103	UN2113	TRANSISTOR-RESISTOR	1	
QR1104,05	UNR221300L	TRANSISTOR	2	
⚠ R1101	ERC12AGM334C	S.RESISTOR 1/2W 33K	1	
⚠ R1102,03	ERU5TEJ100	F.RESISTOR 5W 10	2	
R1104	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1105,06	ERG2SJ220	M.RESISTOR 2W 22	2	
R1107	VRE0206	M.RESISTOR	1	D0XGR05J0002
R1108	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1109	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1110	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1111	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1112	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1113	ERJ12YJ683	M.RESISTOR CH 1/2W 63K	1	
R1114	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R1115,16	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	D0GD221JA003
R1117,18	ERG3SJ333	M.RESISTOR 3W 33K	2	
R1119	ERJ6RBD273	M.RESISTOR CH 1/10W 27K	1	
R1120	ERJ6RBD183	M.RESISTOR CH 1/10W 18K	1	
R1122	ERJ12YJ683	M.RESISTOR CH 1/2W 63K	1	
R1123	ERJ14YJ474	M.RESISTOR CH 1/4W 470K	1	
R1124	ERJ12YJ683	M.RESISTOR CH 1/2W 63K	1	
R1125	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R1126	ERJ12YJ683	M.RESISTOR CH 1/2W 63K	1	
R1129	ERJ14YJ474	M.RESISTOR CH 1/4W 470K	1	
R1130	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1131	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	D0GD221JA003
R1132	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R1134,35	ERJ12YJ224	M.RESISTOR CH 1/2W 220K	2	
R1136	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	1	
R1137	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R1138	ERJ12YJ472	M.RESISTOR CH 1/2W 4.7K	1	
R1139-41	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	3	
R1142	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R1143,44	ERJ12YJ224	M.RESISTOR CH 1/2W 220K	2	
R1145	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
⚠ R1146	VRT0142	THERMISTOR	1	D4DDB3310005
R1147	ERG2SJ221	M.RESISTOR 2W 220	1	
R1148-50	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	3	
R1151	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R1153,54	ERJ12YJ683	M.RESISTOR CH 1/2W 63K	2	
R1155	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R1156	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1158	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R1159	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1160	ERJ6RED224	M.RESISTOR CH 1/10W 220K	1	
R1161	ERJ6RBD104	M.RESISTOR CH 1/10W 100K	1	
R1162	ERJ6RED334	M.RESISTOR CH 1/10W 330K	1	
R1163	ERJ6GEYG474	M.RESISTOR CH 1/10W 470K	1	
R1165	ERJ6RBD273	M.RESISTOR CH 1/10W 27K	1	
R1166	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1171,72	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	2	
R1173	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R1174	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1176	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1177,78	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	2	
R1181-83	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	3	
VR1102	VRV0111B501	V.RESISTOR 500	1	D3CA55010008
		MISCELLANEOUS		
	VJF1348	CLAMPER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VJR1008	EARTH LUG	2	
⚠	VMZ0965	CAPACITOR COVER	3	
⚠	VMZ1608	CAPACITOR TUBE	4	
	VSC5003	HEAT SINK (A)	1	
	XYN3+F10	SCREW	1	
	XYN3+F6FZS	SCREW	1	
	XYN3+F8FZS	SCREW	3	
	XYN3+J8V	SCREW	2	
■ E21	VEP81201B	POWER 2 P.C.BOARD	1	(RTL)
■	VEP81202B	POWER PACK P.C.BOARD	1	(RTL)FOR VEP81201B
C1002,03	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2	
C1004	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1006,07	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	2	
C1008	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C1009,10	ECA1HXL330	E.CAPACITOR 50V 33P	2	
C1011	ECA1HXL010	E.CAPACITOR 50V 1U	1	
C1012	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	1	
C1013	ECA1HXL010	E.CAPACITOR 50V 1U	1	
C1015	ECJ2VB1H332K	C.CAPACITOR CH 50V 3300P	1	
C1016	ECHU1H471GB	P.CAPACITOR 50V 470P	1	
C1017	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
C1018	ECUX1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C1019	ECJ2VB1H562K	C.CAPACITOR CH 50V 5600P	1	
C1020	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
C1021	ECHU1H471GB	P.CAPACITOR 50V 470P	1	
C1022	ECJ2VB1H562K	C.CAPACITOR CH 50V 5600P	1	
C1023	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1026	ECUM1E474ZFM	C.CAPACITOR CH 25V 0.47U	1	
C1027	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C1030-37	ECKD2H101KB	C.CAPACITOR 500V 100P	8	
C1038	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1039	ECA1EXL101	E.CAPACITOR 25V 100U	1	
C1040-42	EEUFC1A822	E.CAPACITOR 10V 8200U	3	
C1043	EEUFC1E182	E.CAPACITOR 25V 1800U	1	
C1044	EEUFC1E102	E.CAPACITOR 25V 1000U	1	
C1045	EEUFC1J221	E.CAPACITOR 63V 220U	1	
C1046	EEUFC1C152	E.CAPACITOR 16V 150U	1	
C1047	EEUFC1C681	E.CAPACITOR 16V 680U	1	
C1048,49	EEUFC1A682	E.CAPACITOR 10V 6800U	2	
C1050	EEUFC1A822	E.CAPACITOR 10V 8200U	1	
C1051	ECA1CXL101	E.CAPACITOR 16V 100U	1	
C1052,53	ECA1EXL101	E.CAPACITOR 25V 100U	2	
C1054	EEUFC1J101L	E.CAPACITOR 63V 100U	1	
C1055,56	ECA1CXL101	E.CAPACITOR 16V 100U	2	
C1059,60	ECA1CXL101	E.CAPACITOR 16V 100U	2	
C1062	VCK0106K151	C.CAPACITOR 150P	1	
C1063	ECA1VXL470	E.CAPACITOR 35V 47U	1	
C1065	VCK0106K151	C.CAPACITOR 150P	1	
C1066	ECA1VXL470	E.CAPACITOR 35V 47U	1	
C1067,68	ECQE6473KF	P.CAPACITOR 630V 0.047U	2	
C1069	ECUX1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C1072	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	1	F1J1H121A025
C1073	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
C1074	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1075	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C1076,77	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	2	
C1079	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1080,81	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2	
C1083	ECUM1E474ZFM	C.CAPACITOR CH 25V 0.47U	1	
C1090	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1092	ECUM1E474ZFM	C.CAPACITOR CH 25V 0.47U	1	
C1093	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	
C1501,02	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	2	FOR VEP81202B
C1503	ECA1HXS100	E.CAPACITOR 50V 10U	1	
C1504-14	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	11	FOR VEP81202B
C1517-26	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	10	FOR VEP81202B
C1527,28	ECA1HXS100	E.CAPACITOR 50V 10U	2	
C1529	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	FOR VEP81202B

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1530	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010 FOR VEP81202B
C1531	ECA1HXS100	E.CAPACITOR 50V 10U	1	
C1532	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	1	FOR VEP81202B
C1534-38	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	5	FOR VEP81202B
C1540-42	ECJ2VF1H104Z	C.CAPACITOR CH 50V 0.1U	3	FOR VEP81202B
D1001	MA151WK	DIODE	1	MA3X151E0L
D1004	MA152K	DIODE	1	
D1005	MA151WK	DIODE	1	MA3X151E0L
D1009	MA3X15300L	DIODE	1	
D1010	U1GU44	DIODE	1	
D1012	MA3240-H	DIODE	1	
D1013,14	U1GU44	DIODE	2	
D1015	MA3240-H	DIODE	1	
D1017	U1GU44	DIODE	1	
D1020-22	MA152K	DIODE	3	
D1023,24	MA3051-M	DIODE	2	MAZ30510ML
D1025	MA3075-M	DIODE	1	
D1030	D30SC4M	DIODE	1	B0JBSE000022
D1031	FMLG22S	DIODE	1	
D1032,33	FML-G12SP	DIODE	2	
D1034,35	D5S9M	DIODE	2	B0JARK000009
D1036	D30SC4M	DIODE	1	B0JBSE000022
D1037	FML-G12SP	DIODE	1	
D1038	MA152K	DIODE	1	
D1044,45	U05NU44	DIODE	2	
D1046	EG01C	DIODE	1	B0HAGV000001
D1047	U1GU44	DIODE	1	
D1048	MA3240-H	DIODE	1	
D1049	EG01C	DIODE	1	B0HAGV000001
D1050	U1GU44	DIODE	1	
D1051	MA3240-H	DIODE	1	
D1052	MA151WK	DIODE	1	MA3X151E0L
D1053,54	MA2270A	DIODE	2	
D1501	MA3075-M	DIODE	1	FOR VEP81202B
D1502	MA3051-M	DIODE	1	MAZ30510ML FOR VEP81202B
D1503	MA3160-L	DIODE	1	FOR VEP81202B
D1504	MA3130-L	DIODE	1	FOR VEP81202B
D1505	MA3160-L	DIODE	1	FOR VEP81202B
D1506	MA3075-M	DIODE	1	FOR VEP81202B
D1507	MA3130-L	DIODE	1	FOR VEP81202B
D1508	MA152WA	DIODE	1	FOR VEP81202B
D1509	MA152WK	DIODE	1	FOR VEP81202B
D1510	MA152K	DIODE	1	FOR VEP81202B
D1511	MA152WA	DIODE	1	FOR VEP81202B
D1512,13	MA152K	DIODE	2	FOR VEP81202B
D1515	MA152WK	DIODE	1	FOR VEP81202B
D1516	MA152WA	DIODE	1	FOR VEP81202B
D1522	MA152K	DIODE	1	FOR VEP81202B
IC1001,02	FA5311BP	IC	2	C0DAAZZ00002
IC1011	UPC1944J	IC	1	C0DAZLB00001
IC1012	UPC1093J	IC	1	C0DAEMC00002
IC1013	PQ30RV31	IC	1	
IC1501	TA75S393F	IC	1	FOR VEP81202B
IC1502,03	UPC1093J	IC	2	C0DAEMC00002
L1012	VLQ0479	COIL	1	
L1013	VLQ0605	COIL	1	
L1014	VLQ0354	COIL	1	
L1015	VLQ0605	COIL	1	
L1016	VLQ0354	COIL	1	
L1017	VLQ0655K220	COIL 22UH	1	
L1018	VLQ0479	COIL	1	
L1019	VLP0074	COIL	1	J0JDB0000002
L1020	VLQ0605	COIL	1	
L1021	VLP0074	COIL	1	J0JDB0000002
P1011	VJP2824B007	CONNECTOR (MALE)	1	K1KA07B00005
P1012	VJP2824B008	CONNECTOR (MALE)	1	K1KA08B00004
P1013	VJP2824B009	CONNECTOR (MALE)	1	K1KA09B00016
P1014	VJP1243T	CONNECTOR (MALE) 3P	1	K1KA03B00012
P1015	K1KA06A00262	CONNECTOR	1	
P1016	VJP3042A006W	CONNECTOR (MALE)	1	
P1017	VJP3042G003W	CONNECTOR (MALE)	1	K1KA03A00157

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P1018	VJP3042G012W	CONNECTOR (MALE) 12P	1	K1KA12A00136
P1501	VJS3042B006W	CONNECTOR (FEMALE)	1	K1KB06B00015 FOR VEP81202B
P1502	VJS3042F012W	CONNECTOR (FEMALE) 12P	1	K1KB12B00030 FOR VEP81202B
P1503	VJS3042B003W	CONNECTOR (FEMALE)	1	K1KB03B00007 FOR VEP81202B
Q1004	2SB710A-R	TRANSISTOR	1	
Q1005	UNR221300L	TRANSISTOR	1	
Q1006,07	2SB779-R	TRANSISTOR	2	
Q1011,12	B1DEFV000001	TRANSISTOR	2	
⚠ Q1013-16	B3QAZ0000030	PHOTO COUPLER	4	
⚠ Q1020	B3QAZ0000030	PHOTO COUPLER	1	
Q1501,02	XN4501	TRANSISTOR-RESISTOR	2	FOR VEP81202B
Q1503	XN0440100L	TRANSISTOR	1	FOR VEP81202B
Q1505	2SD602A	TRANSISTOR	1	FOR VEP81202B
Q1506-10	XN0440100L	TRANSISTOR	5	FOR VEP81202B
Q1511-13	XN4501	TRANSISTOR-RESISTOR	3	FOR VEP81202B
Q1516	2SB710A	TRANSISTOR	1	FOR VEP81202B
Q1517	2SD602A	TRANSISTOR	1	FOR VEP81202B
Q1518	2SB710A	TRANSISTOR	1	FOR VEP81202B
QR1001	UN2214	TRANSISTOR-RESISTOR	1	UNR221400L
QR1501	UN2211	TRANSISTOR-RESISTOR	1	FOR VEP81202B
QR1502	UN2111	TRANSISTOR-RESISTOR	1	FOR VEP81202B
QR1503	UN2211	TRANSISTOR-RESISTOR	1	FOR VEP81202B
QR1504	UN2113	TRANSISTOR-RESISTOR	1	FOR VEP81202B
QR1505	UN2214	TRANSISTOR-RESISTOR	1	UNR221400L FOR VEP81202B
QR1506	UN2211	TRANSISTOR-RESISTOR	1	FOR VEP81202B
QR1508	UN2214	TRANSISTOR-RESISTOR	1	UNR221400L FOR VEP81202B
QR1509	UN2211	TRANSISTOR-RESISTOR	1	FOR VEP81202B
QR1511	UN2111	TRANSISTOR-RESISTOR	1	FOR VEP81202B
QR1512	UNR221300L	TRANSISTOR	1	FOR VEP81202B
R1001,02	ERJ12YJ472	M.RESISTOR CH 1/2W 4.7K	2	
R1003	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1009	ERJ14YJ4R7	M.RESISTOR CH 1/4W 4.7	1	
R1010	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1011	ERJ6RBD241	M.RESISTOR CH 1/10W 240	1	
R1013	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1014	ERJ6GEYG154	M.RESISTOR CH 1/10W 150K	1	
R1016	ERJ14YJ4R7	M.RESISTOR CH 1/4W 4.7	1	
R1017	ERJ6RBD241	M.RESISTOR CH 1/10W 240	1	
R1018,19	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	2	D0GD225JA003
R1020	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1021	ERG3SJ223	MKR(ERG3SJ333U)	1	
R1023,24	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	2	
R1026	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R1027	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R1028	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R1029	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	1	
R1030	ERJ6RBD161	M.RESISTOR CH 1/10W 160	1	
R1031	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1033,34	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	2	
R1036	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1037	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R1038	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	1	
R1039	ERJ6RBD181	M.RESISTOR CH 1/10W 180	1	
R1040	ERJ6GEYJ820	M.RESISTOR CH 1/10W 82	1	
R1041	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	D0GD332JA003
R1042	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R1043	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
R1044	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1045	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R1046,47	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	2	
R1048,49	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R1050	ERG2SJ470	M.RESISTOR 2W 47	1	
R1051,52	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	2	
⚠ R1055	VRT0142	THERMISTOR	1	D4DDB3310005
R1056	ERG2SJ222	M.RESISTOR 2W 2.2K	1	
R1059	ERG2SJ470	M.RESISTOR 2W 47	1	
R1060	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
⚠ R1062	VRT0033	THERMISTOR	1	D4DDB3310004
R1063	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1065	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	D0GD221JA003
R1066	ERJ6GEYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1067	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1068	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R1069	ERJ6RBD182	M.RESISTOR CH 1/10W 1.8K	1	
R1070	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1071	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1072	ERG3SJ223	MKR(ERG3SJ333U)	1	
R1073	ERG2SJ180	M.RESISTOR 2W 18	1	
R1074	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1075	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1076	ERW1PKR33	W.RESISTOR 1W 0.33	1	
R1077	ERG3SJ223	MKR(ERG3SJ333U)	1	
R1078	ERG2SJ180	M.RESISTOR 2W 18	1	
R1079	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1080	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1081	ERW1PKR27	W.RESISTOR 1W 0.27	1	
R1082	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1083	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R1084	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R1086	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R1087,88	ERJ12YJ472	M.RESISTOR CH 1/2W 4.7K	2	
R1089	ERJ6GEYG154	M.RESISTOR CH 1/10W 150K	1	
R1090	VRE0222J50M	M.RESISTOR	1	
R1091	VRE0221H50M	M.RESISTOR	1	
R1092	VRE0222J0R1	M.RESISTOR 0.1	1	
R1093	VRE0222J50M	M.RESISTOR	1	
R1094	VRE0221H50M	M.RESISTOR	1	
R1095	VRE0222J10M	M.RESISTOR	1	
R1096	VRE0222J33M	M.RESISTOR	1	
R1097	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R1098	ERJ12YJ472	M.RESISTOR CH 1/2W 4.7K	1	
R1099	ERG3SJ223	MKR(ERG3SJ333U)	1	
R1100	ERJ12YJ472	M.RESISTOR CH 1/2W 4.7K	1	
R1501-07	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	7	D0GD121JA003 FOR VEP81202B
R1508	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1509	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	FOR VEP81202B
R1510-13	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	FOR VEP81202B
R1515,16	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	2	D0GD332JA003 FOR VEP81202B
R1517	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1518	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1519	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1521	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	1	FOR VEP81202B
R1523	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1524	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1526	ERJ6RBD242	M.RESISTOR CH 1/10W 2.4K	1	FOR VEP81202B
R1527	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1528	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1529	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1531	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	FOR VEP81202B
R1532	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1533	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1534	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1536	ERJ6RBD182	M.RESISTOR CH 1/10W 1.8K	1	FOR VEP81202B
R1537	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1538	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1539	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1541	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	FOR VEP81202B
R1542	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	FOR VEP81202B
R1543	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1544	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1545	ERJ6RBD132	M.RESISTOR CH 1/10W 1.3K	1	FOR VEP81202B
R1546	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1547	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1549	ERJ6RBD911	M.RESISTOR CH 1/10W 910	1	FOR VEP81202B
R1550	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1551	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1553	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	FOR VEP81202B
R1554	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81202B
R1555	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	FOR VEP81202B
R1557-60	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	4	FOR VEP81202B
R1561	ERJ6RBD563	M.RESISTOR CH 1/10W 56K	1	FOR VEP81202B
R1562,63	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	FOR VEP81202B
R1564	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	FOR VEP81202B
⚠ T1001	VLT0964	TRANSFORMER	1	
⚠ T1002	VLT0965	TRANSFORMER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VR1001	VRV0064B102	V.RESISTOR 1K	1	D3CB71020002
VR1002	VRV0112B501	V.RESISTOR 500	1	
		MISCELLANEOUS		
	VEE0C18	GND CABLE	1	
	VJR1008	EARTH LUG	2	
	VLP0336	FERRITE CORE	9	
	VLP0337	FERRITE CORE	2	
	VLP0394	FERRITE BEAD	5	J0KE00000032
⚠	VMZ2779	INSULATION	1	
	VMZ2919	BARRIER	2	
⚠	VMZ3017	BARRIER	1	
	VSC4707	HEAT SINK	1	
	VSC4779	HEAT SINK (E)	1	
	VSC4780	HEAT SINK (D)	1	
	VSC5114	HEAT SINK	1	
	XYN3+F10	SCREW	4	
	XYN3+F6FZS	SCREW	2	
	XYN3+F8FZS	SCREW	9	
	XYN3+J8V	SCREW	4	
■ E22	VEP80A58A	POWER CONNECTION P.C.B.	1	(RTL)
		MISCELLANEOUS		
	K1KB06B00035	CONNECTOR (FEMALE)	2	
■ E23	VEP80856A	CARRIGE P.C.BOARD	1	(RTL)
P1	VJP1249T	CONNECTOR (MALE)	1	K1KA09B00028
P2	VJS2889A012	CONNECTOR (FEMALE)	1	
P3	VJS2889A016	CONNECTOR (FEMALE)	1	
R1-R7	ERDS2TJ221	C.RESISTOR 1/4W 220	7	
■ E24	VEP82231A	MECH I/F P.C.BOARD	1	(RTL)
C1	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C2-C5	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C6	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C7	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C9,10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C11	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C13,14	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C15	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C20	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C22	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C26,27	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C28	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C29,30	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C31	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C32,33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C34	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C35	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C36,37	EEVHB1C470P	E.CAPACITOR 16V 47U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C40	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C41	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C42	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C43	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C44	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C45	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C101	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C102	ECA1HEN101	E.CAPACITOR 50V 100U	1	
C103	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C104-06	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
D1	MA3X15700L	DIODE	1	
D2-D5	MA704A	DIODE	4	
IC1,C2	0P177GS	IC	2	
IC3	C0ABBB000124	IC	1	
IC4-C9	UPC4558G2	IC	6	C0ABBB000131
IC10	NJM78L09UA	IC	1	C0CBAHC00002
IC11	NJM79L09UA	IC	1	C0CABBF00001
IC40	UPC4558G2	IC	1	C0ABBB000131
IC100	C0BBBA000019	IC	1	
J1,J2	VJR1008	EARTH LUG	2	
L1,L2	VLF0576	FILTER	2	J0HACH000011
P1	VJP3081	CONNECTOR (MALE)	1	
P2	VJP3418A080	CONNECTOR (MALE)	1	K1KA80A00066
P3	VJP3076	CONNECTOR (MALE)	1	
P4	VJP3082	CONNECTOR (MALE)	1	
P11	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P12	VJP3172D005	CONNECTOR (MALE)	1	K1KA05B00053
P13	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P14	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P15	K1KA02B00075	CONNECTOR (MALE)	1	
P16	K1KA03B00102	CONNECTOR (MALE)	1	
P17	K1MN10B00052	CONNECTOR	1	
P18	K1KA02B00075	CONNECTOR (MALE)	1	
P19	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P20	K1KA03B00102	CONNECTOR (MALE)	1	
P21	K1KA02B00075	CONNECTOR (MALE)	1	
P22	VJP3172D005	CONNECTOR (MALE)	1	K1KA05B00053
P24	K1KA02B00075	CONNECTOR (MALE)	1	
P25	K1KA03A00017	CONNECTOR (MALE)	1	
P26	VJP1236T	CONNECTOR (MALE) 9P	1	K1KA09A00023
P30	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P32	VJP3172D004	CONNECTOR (MALE)	1	K1KA04B00007
P33	VJS3422B015	CONNECTOR (FEMALE)	1	
P34,35	VJS2889A017	CONNECTOR (FEMALE)	2	K1MN17A00008
P36	VJS3422B019	CONNECTOR (FEMALE)	1	
P41	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P48	VJP3125B002	CONNECTOR (MALE)	1	K1KA02B00111
P51	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P52,53	VJP3172D004	CONNECTOR (MALE)	2	K1KA04B00007
P54,55	VJP3172D002	CONNECTOR (MALE)	2	K1KA02B00051
P56	VJP3172D004	CONNECTOR (MALE)	1	K1KA04B00007
P57	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P58	VJP3125B002	CONNECTOR (MALE)	1	K1KA02B00111
Q1,Q2	2SB1218A-R	TRANSISTOR	2	
R1	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R2,R3	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R4	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R5	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R6	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R7	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R8	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R9	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R10	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R11	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R12,13	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R14	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R15	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R16	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R17	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R18	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R19	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R20	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R21	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R22	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R23	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R24	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R25	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R36,37	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R40	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R41	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R42	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R43	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R44	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R45	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R46	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R50-53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R56,57	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R58	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R59	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R60	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R61	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R62	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R63	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R64	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R65	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R66	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R67,68	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R69	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R70	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R71	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R72,73	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R100	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R101	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R102	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R103	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R104	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R105	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R106	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R107,08	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R109,10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R111,12	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
VR1	EVMECSA00B24	V.RESISTOR 20K	1	
VR2	EVMECSA00B54	V.RESISTOR 50K	1	
VR3	EVMECSA00B24	V.RESISTOR 20K	1	
VR4	EVMECSA00B54	V.RESISTOR 50K	1	
VR100,01	EVMECSA00B24	V.RESISTOR 20K	2	
■ E25	VEP84303B	AUDIO JACK P.C.BOARD	1	(RTL)
C1-12	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	12	
J1-J6	K1AB103A0007	CONNECTOR (MALE)	6	
J7-14	VJP3417	CONNECTOR (MALE)	8	K1AA103A0003
P1	VJP3375A060	CONNECTOR (MALE)	1	K1KA60A00083
R2	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R4	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R6	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R8	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R10	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R12	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R14	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R16	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R18	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R20	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R22	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R24	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R26	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R28	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R30	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R32	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R34	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R36	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R38	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R40	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R42	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R44	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R46	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R48	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R50	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R52	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R54	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R56	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
		MISCELLANEOUS		
	VMP4867	XLR GUIDE ANGLE (A)	1	
	XYN26+F8	SCREW	2	
■ E26	VEP84332A	AES/EBU P.C.BOARD	1	(RTL)
J1-J8	VJS3901	CONNECTOR (FEMALE)	8	K1CB204H0004
P1	VJP3440A020	CONNECTOR (MALE)	1	K1KA20A00187
P2	K1KA03A00017	CONNECTOR (MALE)	1	
R1-R8	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	8	D0YDR0000005
■ E27	VEP80B43B	UP FRONT 1 P.C.BOARD	1	(RTL)
C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C5	ECEA1CGE100	E.CAPACITOR 16V 10U	1	
C8-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
D1	LN31GPHL	LED	1	
D2	LN41YPH	DIODE	1	
D3	LN21RPH	LED	1	
D4,D5	LN41YPH	DIODE	2	
D6-D9	LN31GPHL	LED	4	
D10	MA142WK	DIODE	1	
D11	MA142K	DIODE	1	
DP1	VEQ1847	DISPLAY TUBE	1	A2BC00000033
IC1	TC74HC4050AF	IC	1	
IC2	TC7S00F	IC	1	C0JBAC000105
IC3-C5	TC74HC4094AF	IC	3	
P1	VJP3440B016	CONNECTOR (MALE)	1	K1KA16B00019
P2	VJP1246T	CONNECTOR (MALE) 6P	1	
P3	VJS3281A020	CONNECTOR (FEMALE)	1	
P4	VJP2739B002	CONNECTOR (MALE)	1	K1KA02B00127
Q1-Q8	2SD601A	TRANSISTOR	8	
R1	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R4	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R5	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R7	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R8	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R9	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R11	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R12,13	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	2	
R14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R15	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R16,17	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	2	
R18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R19	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R20	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R22	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R23,24	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	2	
R25	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R26	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R27,28	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	2	
R29	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R30	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R31	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R32	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R34	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R35	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R36	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R37	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R38	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R39,40	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R41,42	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R48,49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
SW1-W5	VSP1139	SWITCH	5	
		MISCELLANEOUS		
	VMS6081	P.C.B. POST	2	K9ZZ00000704
	VEE0T66	FRONT CABLE	1	
	VMX2188110	LED SPACER	9	K9ZZ00000646
■ E28	VEP80B56A	UP FRONT 2 P.C.BOARD	1	(RTL)
D1	VLL0029	LED	1	B3CAF0000005
P1	VJP1246T	CONNECTOR (MALE) 6P	1	
SW1	VSP0864C001	SWITCH	1	K0F111A00274
■ E29	VEP86328A	BUZZER P.C.BOARD	1	(RTL)
BZ1	EFBCD37C11	CRYSTAL OSCILLATOR	1	
P1	VJP3440B006	CONNECTOR (MALE)	1	K1KA06B00043
QR1,R2	UN2214	TRANSISTOR-RESISTOR	2	UNR221400L
R1	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R2	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
SW1	VSS0207	SWITCH	1	K0D112B00077

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E30	VEP86297C	FRONT CPU P.C.BOARD	1	(RTL)
C1	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
C2	EEVHB1H2R2	E.CAPACITOR 50V 2.2U	1	
C3	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C4,C5	ECUM1H100JCN	C.CAPACITOR CH 50V 10P	2	
C6	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C7-10	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	4	F1J1H103A010
C12-14	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	F1J1H103A010
C15	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C16,17	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C20,21	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C22-25	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	4	
C26,27	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C28-37	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	10	F1J1H103A010
C38,39	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C40-42	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	3	F1J1E104A082
C43-47	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	5	F1J1H103A010
C48-51	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	4	F1J1E104A082
C52	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C53	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
C54-74	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	21	F1J1H103A010
C77-82	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	6	F1J1H103A010
C84	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C86	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C88,89	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C93	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C100-03	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	4	F1J1H103A010
C111-21	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	11	F1J1H103A010
C122	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	1	F1J1H121A025
C123	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C126-29	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	4	F1J1H121A025
D1-D3	MA152WK	DIODE	3	
D5,D6	MA152WK	DIODE	2	
D8	MA152WK	DIODE	1	
DP1	VEQ2411	DISPLAY	1	
FL1-L4	VLF1016A470	FILTER	4	
IC1	HD64180ZRP8	IC	1	
IC2	VSI3740B	IC	1	
IC3	W24258S-70LE	IC	1	
IC4	TL7705CPSB	IC	1	C0EBS0000002
IC5	74F32SJ	IC	1	
IC6	TVHC161FT	IC	1	
IC14	TE7751	IC	1	C1ZBZ0000156
IC17	SN75C1168NS	IC	1	
IC18	TC74HC4538F	IC	1	C0JBAM000032
IC20,21	C0DBZGH00001	IC	2	
IC22	TVHC164FT	IC	1	
IC23	UPC339G2	IC	1	
IC24	C0JBAB000196	IC	1	
IC25	TVHC11FT	IC	1	
IC26	C0JBAF000184	VHC	1	
IC27	UPD71055GB	IC	1	C1DB00000112
IC28,29	T74HC191AF	IC	2	
IC30	TLC549IPS	IC	1	
IC31	T74H4051AF	IC	1	
IC32	TLC549IPS	IC	1	
IC33	T74H4051AF	IC	1	
IC35-37	C0ABBA000071	IC	3	
IC39-41	C0ABBA000071	IC	3	
IC42	TVHC11FT	IC	1	
IC43	TC74VHC32F	IC	1	C0JBAE000081
IC50	TVHC139FT	IC	1	
IC51	C0JBAA000117	VHC	1	
IC52	TC74VHC32F	IC	1	C0JBAE000081
IC53	TVHC164FT	IC	1	
IC54	C0JBAB000196	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC55-57	TVHC244FT	IC	3	
IC58	C0JBAZ000803	IC	1	
IC59	TVHC244FT	IC	1	
IC60	C0JBAF000223	VHC	1	
IC61,62	TVHT244FT	IC	2	
IC63	TC74VHC32F	IC	1	C0JBAE000081
IC64	C0JBAF000184	VHC	1	
IC65	C0JBAB000196	IC	1	
IC66	TVHC244FT	IC	1	
IS2	VJS2336A032	CONNECTOR (FEMALE)	1	K3E032C00033
L1-L3	VLP0133	COIL	3	
P1,P2	VJP1986T	CONNECTOR (MALE)	2	K1KA13B00014
P3,P4	VJP3440B016	CONNECTOR (MALE)	2	K1KA16B00019
P5	VJP2891A016	CONNECTOR (MALE)	1	K1KA16A00111
P6	VJS3281A020	CONNECTOR (FEMALE)	1	
P7	VJS2698A028	CONNECTOR (FEMALE)	1	K1MN28A00006
P8	VJP1233T	CONNECTOR (MALE) 6P	1	
P9	VJS3801B040	CONNECTOR (FEMALE)	1	
P10	VJS3801B020	CONNECTOR (FEMALE)	1	
Q2	2SB1440	TRANSISTOR	1	
R1	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R2-R7	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	6	
R8-15	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	8	
R16	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	D0GD222JA003
R17	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R18,19	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R20	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R21-36	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	16	
R37-41	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	5	
R42,43	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	D0GD472JA003
R44	ERJ8GEYJ101	M.RESISTOR CH 1/8W 100	1	
R45-47	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	3	D0GD472JA003
R48	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R49,50	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	D0GD472JA003
R51-54	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	4	
R55-58	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	
R59-63	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	5	D0GD472JA003
R64	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65-69	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	5	D0GD472JA003
R70	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R72-98	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	27	
R99,00	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R101-04	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	4	
R105-07	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	D0YDR0000005
R128	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R131,32	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R158-60	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	3	
R162,63	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R165	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R200,01	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	2	D0GD121JA003
R202-05	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	
R250	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R251	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R252	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R260-75	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	16	D0GB103JA002
R280,81	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R287-96	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	10	D0YDR0000005
R300-33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	34	D0GB103JA002
R334	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R335-38	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R350,51	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R353	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R355,56	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R357-59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R361	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R363-69	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	7	D0YDR0000005
R371	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R374,75	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R377-84	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
R393-17	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	25	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R418-49	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	32	D0YDR0000005
R450-59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	10	
R461	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R462	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R463	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW1	VSS0184	SWITCH	1	
X1	H0J122500008	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMX2507	PB SPACER	2	
	XYN3+K8	SCREW	2	
■ E31	VEP86298A	FRONT CPU SUB P.C.BOARD	1	(RTL)
P1	VJS3406B028	CONNECTOR (FEMALE)	1	
SW1-16	VSP1013	SWITCH	16	K0H1BA000357
■ E32	VEP80B44C	FRONT SW P.C.BOARD	1	(RTL)
C1	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	F1J1E104A082
C4,C5	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
C7-11	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	5	F1J1H103A010
C13	ECEA0JGE102	E.CAPACITOR 6.3V 1000U	1	
C14	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C16	EEVHB1H4R7	E.CAPACITOR 50V 4.7U	1	
C17	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C18	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	F1J1H103A010
C19	ECEA1AGE331	E.CAPACITOR 10V 330U	1	
C20	ECEA1HGE470	E.CAPACITOR 50V 47U	1	
C30,31	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	F1J1H103A010
D2-D5	LN38GCPP	LED	4	
D6	LN28RCPP	LED	1	
D7	LN38GCPP	LED	1	
D8	LN48YCPP	LED	1	
D9	LN38GCPP	LED	1	
D10	LN48YCPP	LED	1	
D13,14	LN38GCPP	LED	2	
D15,16	LN48YCPP	LED	2	
D17-25	MA152WA	DIODE	9	
D26,27	MA152A	DIODE	2	
D28-38	MA152WA	DIODE	11	
D39	MA152A	DIODE	1	
D40	MA152WA	DIODE	1	
D44	MA4300-M	DIODE	1	
D45	MA166	DIODE	1	
D46	MA2P701A0L	DIODE	1	
D47	MA4030M	DIODE	1	
DP1	VSL0462	DISPLAY TUBE	1	A2BZ00000018
⚠ F1	EYP2BN135	FUSE	1	
IC1	UPD71055GB	IC	1	C1DB00000112
IC2	MC74HC138AF	IC	1	C0JBAN000014
IC3	C0JBAN000098	IC	1	
IC5-C9	TVHC273FT	IC	5	
IC11	UPD16310GF	IC	1	
P1,P2	VJP1986T	CONNECTOR (MALE)	2	K1KA13B00014

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q45,46	2SC1815Y	TRANSISTOR	2	B1AACF000024
Q47	2SC3074Y	TRANSISTOR	1	B1BADF000002
Q48-53	2SB0709ALL	TRANSISTOR	6	
QR1-26	UN2214	TRANSISTOR-RESISTOR	26	UNR221400L
QR28-40	UN2214	TRANSISTOR-RESISTOR	13	UNR221400L
R4-11	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	8	
R12-14	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	3	D0GD221JA003
R15-19	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	5	
R20-26	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	7	D0GD221JA003
R27-29	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	3	
R31-34	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	4	D0GD221JA003
R35-42	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	8	
R43-50	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	8	D0GD472JA003
R51-53	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	D0YDR0000005
R110	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R111	ERDS2TJ682	C.RESISTOR 1/4W 6.8K	1	
R112	ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R113	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R114	ERDS2TJ220	C.RESISTOR 1/4W 22	1	
R115	ERJ8GEYJ103	M.RESISTOR CH 1/8W 1K	1	
R120	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R121-28	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	8	
R129-40	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	12	
R141	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R142	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R143-45	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	3	
SW1	VSP0791	SWITCH	1	K0F111A00279
SW2	K0F111A00426	SWITCH	1	
SW3	VSP0792	SWITCH	1	K0F111A00280
SW4	VSP0789	SWITCH	1	K0F111A00283
SW5	VSP0790	SWITCH	1	K0F111A00278
SW6,W7	VSP0795	SWITCH	2	K0F111A00276
SW8-10	VSP0864A000	SWITCH	3	K0F111A00243
SW11,12	VSP0795	SWITCH	2	K0F111A00276
SW13	VSP0998	SWITCH	1	K0F111A00282
SW14	VSP0864A000	SWITCH	1	K0F111A00243
SW15	K0F111A00424	SWITCH	1	
SW16	VSP0864A000	SWITCH	1	K0F111A00243
SW17-24	VSP0853A000	SWITCH	8	K0F111A00235
SW25,26	K0F111A00425	SWITCH	2	
SW27-31	VSS0226	SWITCH	5	K0D222A00027
SW32-36	VSP1005	SWITCH	5	K0H1BA000148
SW38-41	VSP1005	SWITCH	4	K0H1BA000148
SW42,43	VSP0864A000	SWITCH	2	K0F111A00243
TR1	VLT0869	TRANSFORMER	1	G4ZZ00000363
		MISCELLANEOUS		
	VJF1258	DISPLAY HOLDER	1	
	VMX1858	LED SPACER	13	
	VMX0985	SPACER	1	
■ E33	VEP80963F	FRONT VR1 P.C.BOARD	1	(RTL)
P1	VJP3440A016	CONNECTOR (MALE)	1	K1KA16A00138
R1-R5	ERDS2TJ101	C.RESISTOR 1/4W 100	5	
R6	ERDS2TJ220	C.RESISTOR 1/4W 22	1	
VR1-R5	EVU023003B14	V.RESISTOR 10K	5	
VR6	EWVBB6018B14	V.RESISTOR 10K	1	
		MISCELLANEOUS		
	VEE0K28	FRONT VR CABLE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E34	VEP80964E	FRONT VR2 P.C.BOARD	1	(RTL)
FL1-L3	VLF1356	FILTER	3	
J1	VJJ0378	M6 JACK	1	K2HB103B0019
P1	VJP3440A016	CONNECTOR (MALE)	1	K1KA16A00138
R1-R5	ERDS2TJ101	C.RESISTOR 1/4W 100	5	
VR1-R5	EVU023006B14	V.RESISTOR 10K	5	
		MISCELLANEOUS		
	VEE0K27	FRONT HP CABLE	1	
	VEE4187	EARTH LUG	1	
	VMC1321	EARTH METAL	1	
■ E35	VEP86307A	MEM CARD CNCT P.C.BOARD	1	(RTL)
P500	VJP3825	PC CARD SOCKET	1	K1NA68B00024
P501	VJS3801B040	CONNECTOR (FEMALE)	1	
P502	VJS3801B020	CONNECTOR (FEMALE)	1	